

*California Department of Transportation
Division of Maintenance*

Structure Maintenance and Investigations

B_{RIDGE}

I_{NSPECTION}

R_{ECORDS}

I_{NFORMATION}

S_{YSTEM}

The requested documents have been generated by BIRIS.

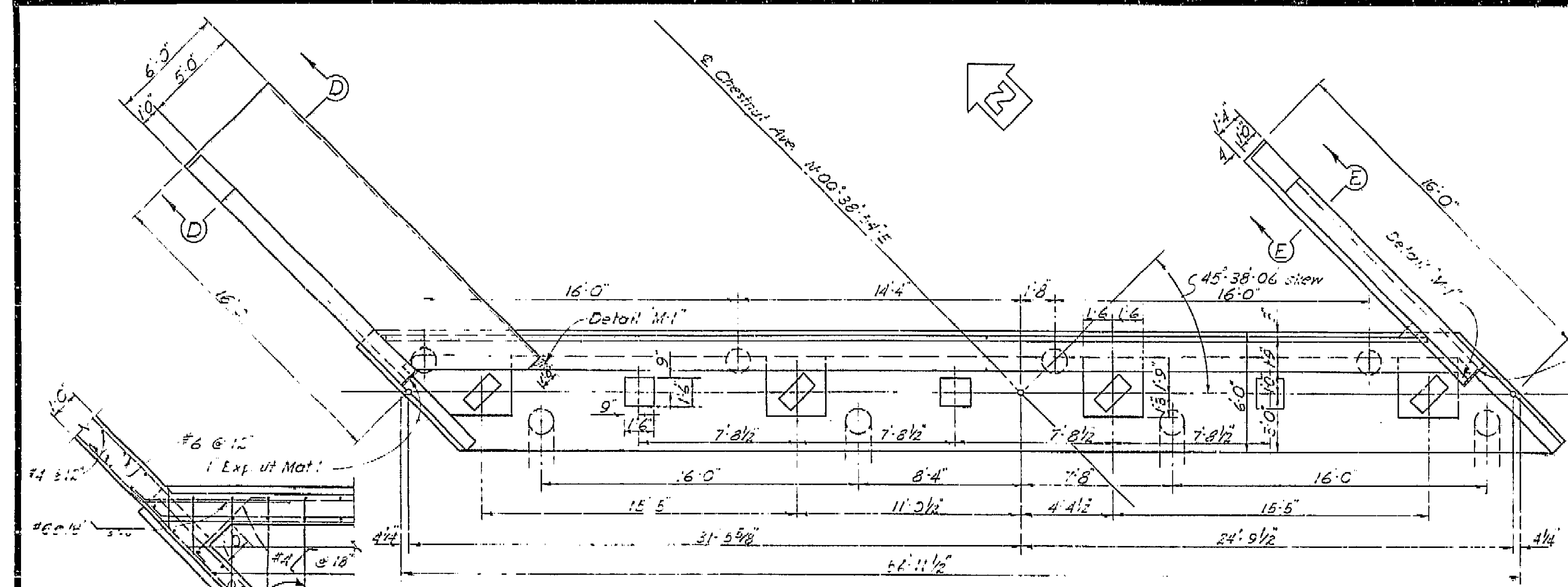
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Records for “Confidential” bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.

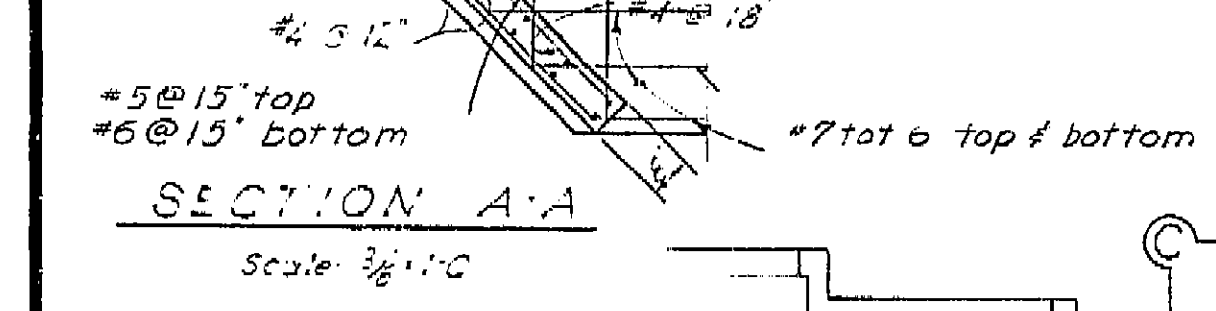
FED. ROAD DIST. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		254	262

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
11	FRE	200	38	14	14

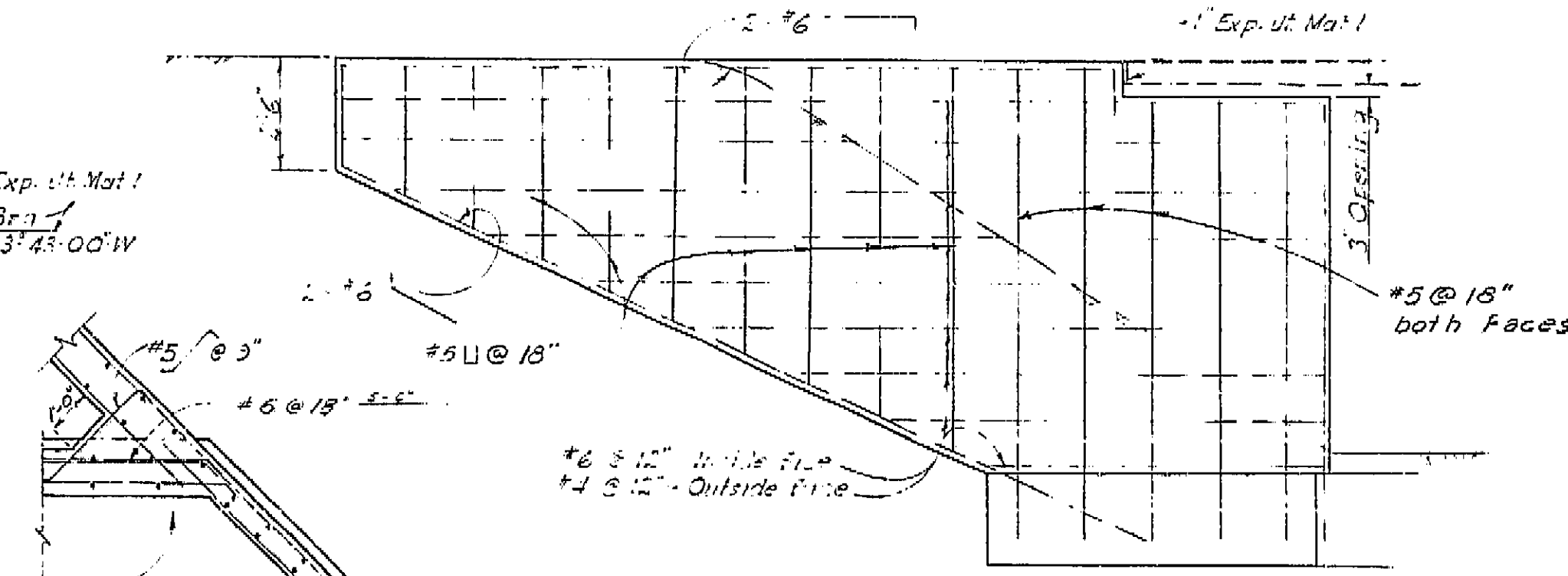
DATE APPROVED: _____
 BY: _____
 TITLE: _____



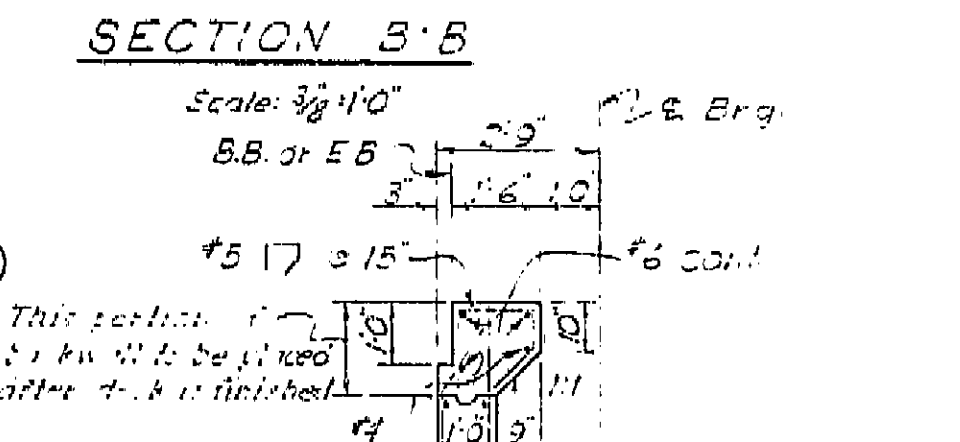
PLAN ABUT. NO. 5
 Scale: 1/4" = 1'-0"



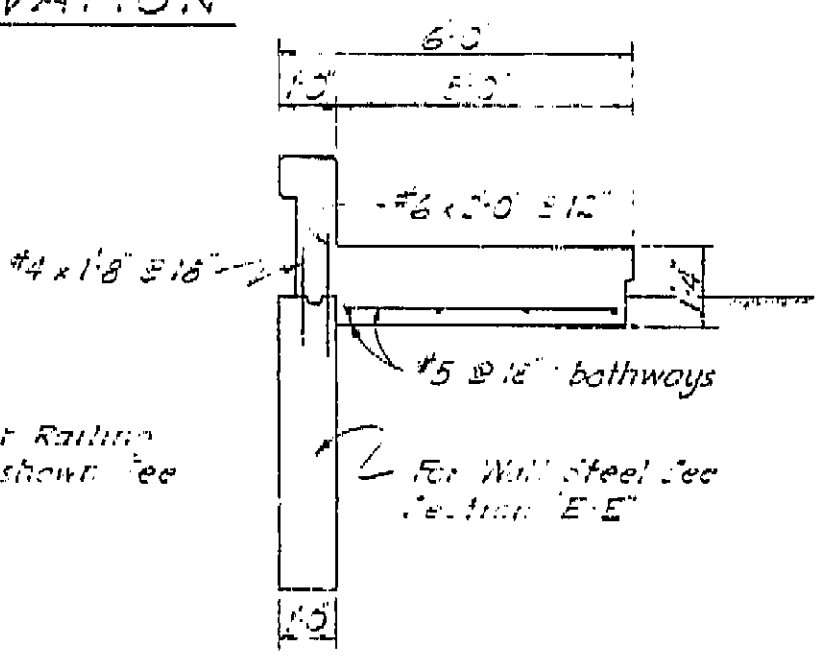
SECTION A-A
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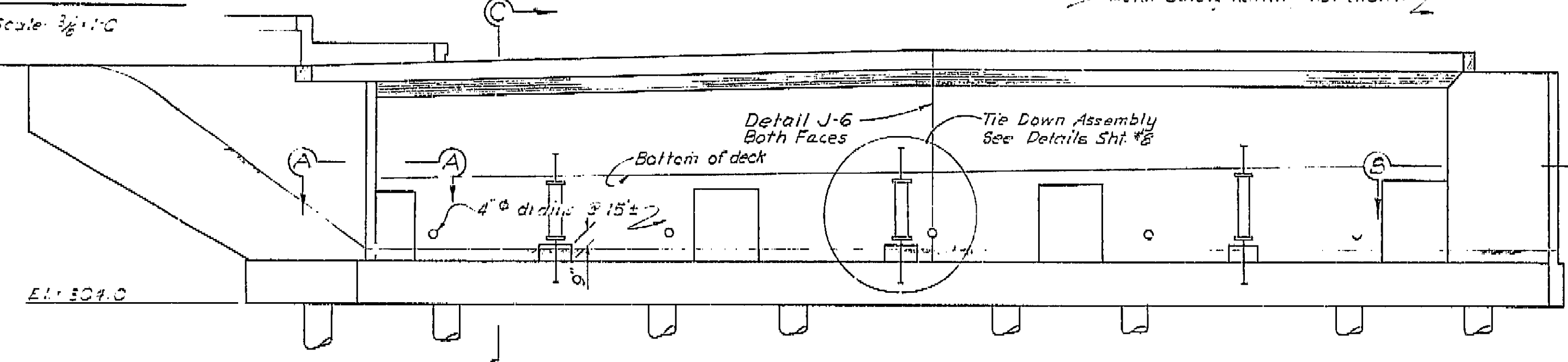
WINGWALL ELEVATION
 Scale: 3/8" = 1'-0"



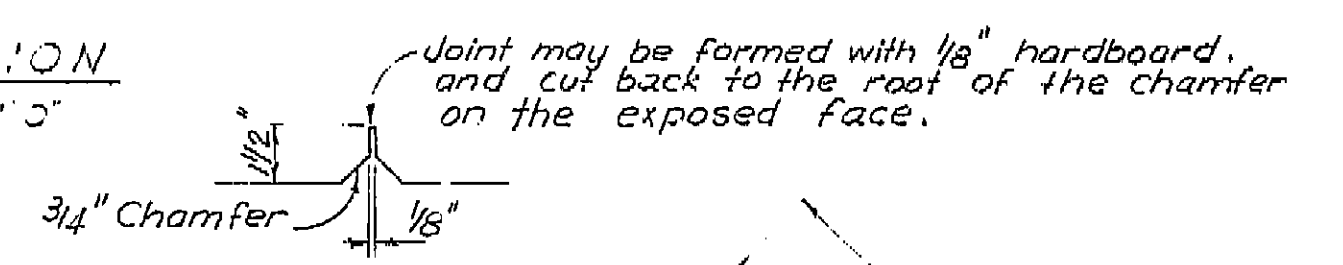
SECTION B-B
 Scale: 3/8" = 1'-0"



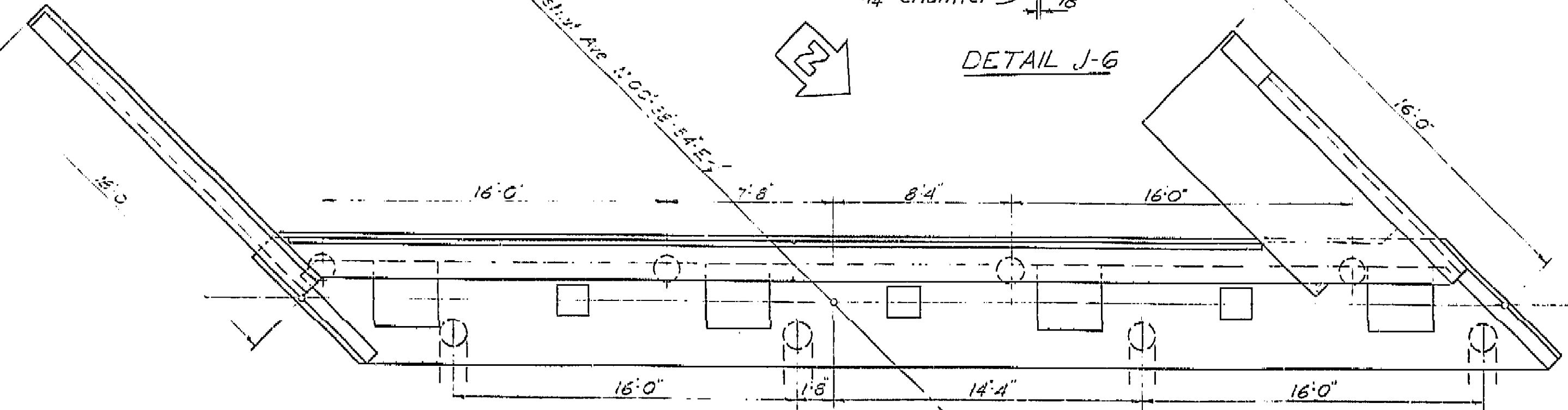
SECTION D-D
 Scale: 3/8" = 1'-0"



ELEVATION
 Scale: 1/2" = 1'-0"



DETAIL J-6
 Scale: 1/2" = 1'-0"



PLAN ABUT. NO. 1
 Scale: 1/4" = 1'-0"

BRIDGE DEPARTMENT			
DESIGN SECTION			
Project Designer: <u>Ray E. Glover</u>			
Chief Designer: <u>Ray E. Glover</u>			
DESIGN	By <u>Ray E. Glover</u>	Checked <u>Ray E. Glover</u>	4
DETAILS	By <u>Ray E. Glover</u>	Checked <u>Ray E. Glover</u>	
QUANTITIES	By <u>Ray E. Glover</u>	Checked <u>Ray E. Glover</u>	
SPECIFICATIONS	By <u>Ray E. Glover</u>	Checked <u>Ray E. Glover</u>	
Approval Recommended by: <u>Ray E. Glover</u>			

STATE OF CALIFORNIA			
DEPARTMENT OF PUBLIC WORKS			
DIVISION OF HIGHWAYS			
CHESTNUT AVENUE OVERCROSSING			
ABUTMENT DETAILS			
SCALE AS SHOWN	BRIDGE 42-206	FILE	DRAWING 1-6996-3

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
 DATE: 12-23-61 SIGNATURE: _____ TITLE: _____

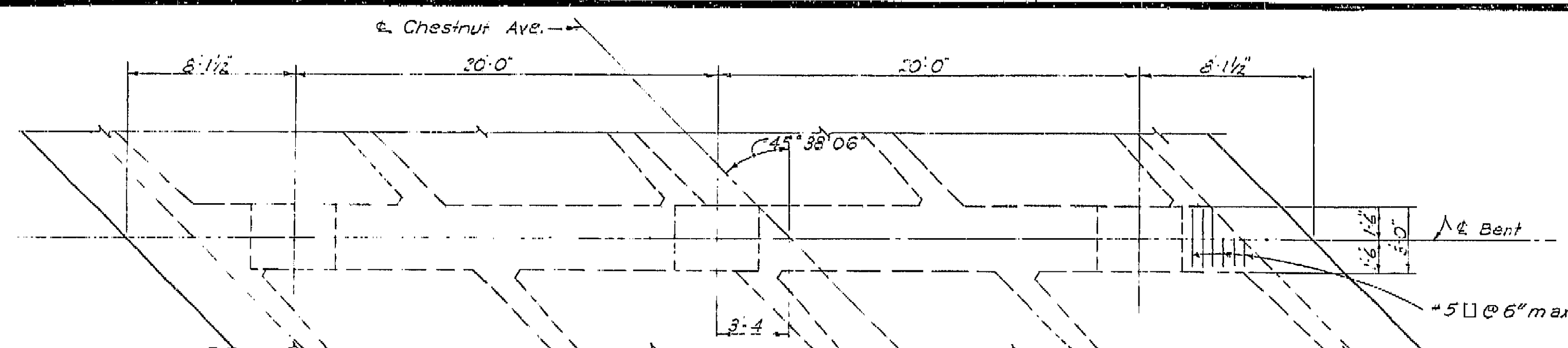
AS BUILT PLANS
 Contract No. 61-6T13.67
 Date Completed
 Document No. 6000.1055

254

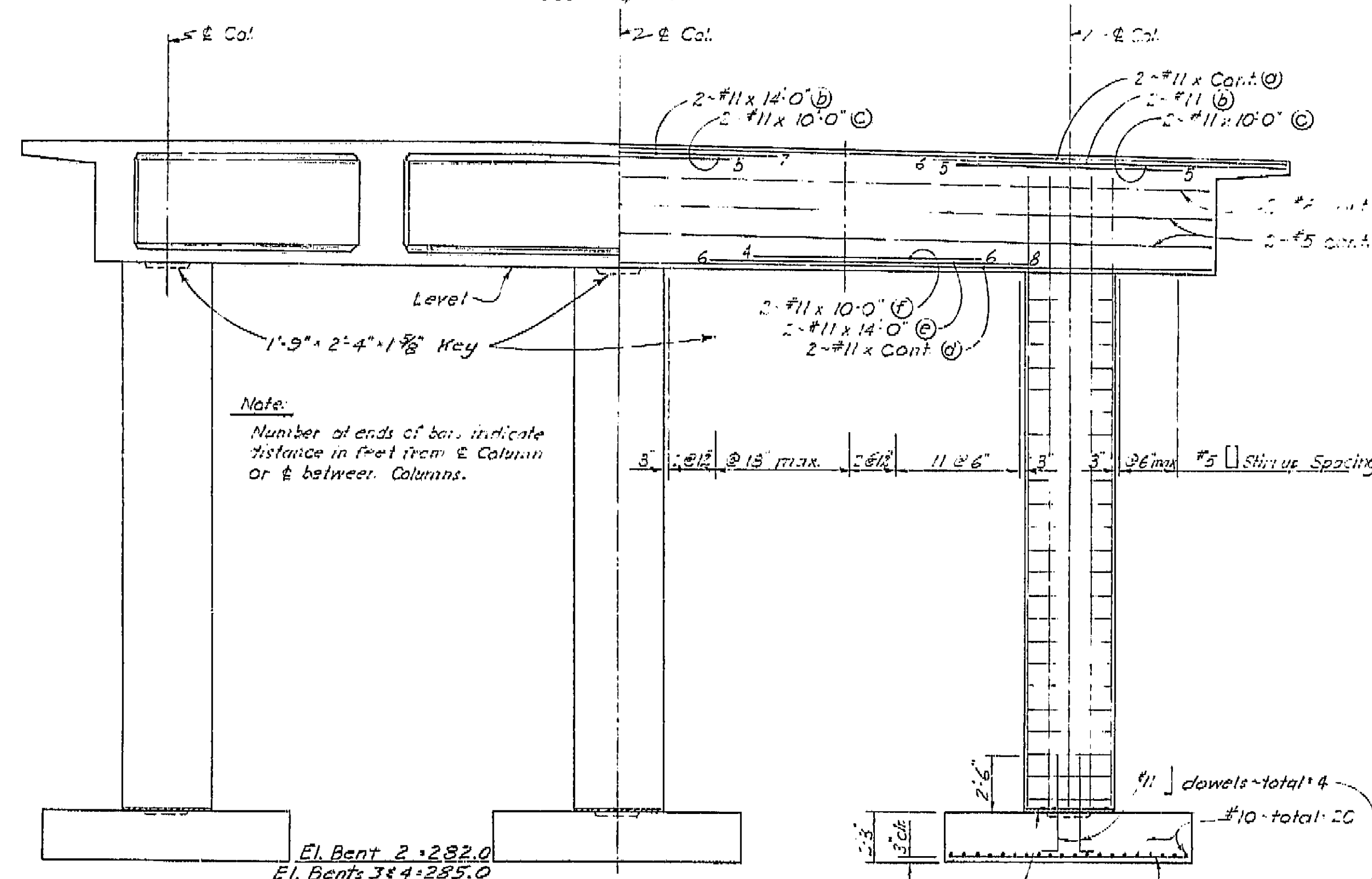
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7	CALIF.		255	262

DIST.	COUNTY	ROUTE	ACTION	SHEET NO.	TOTAL SHEETS
VI	Pl				

DATE APPROVED: _____



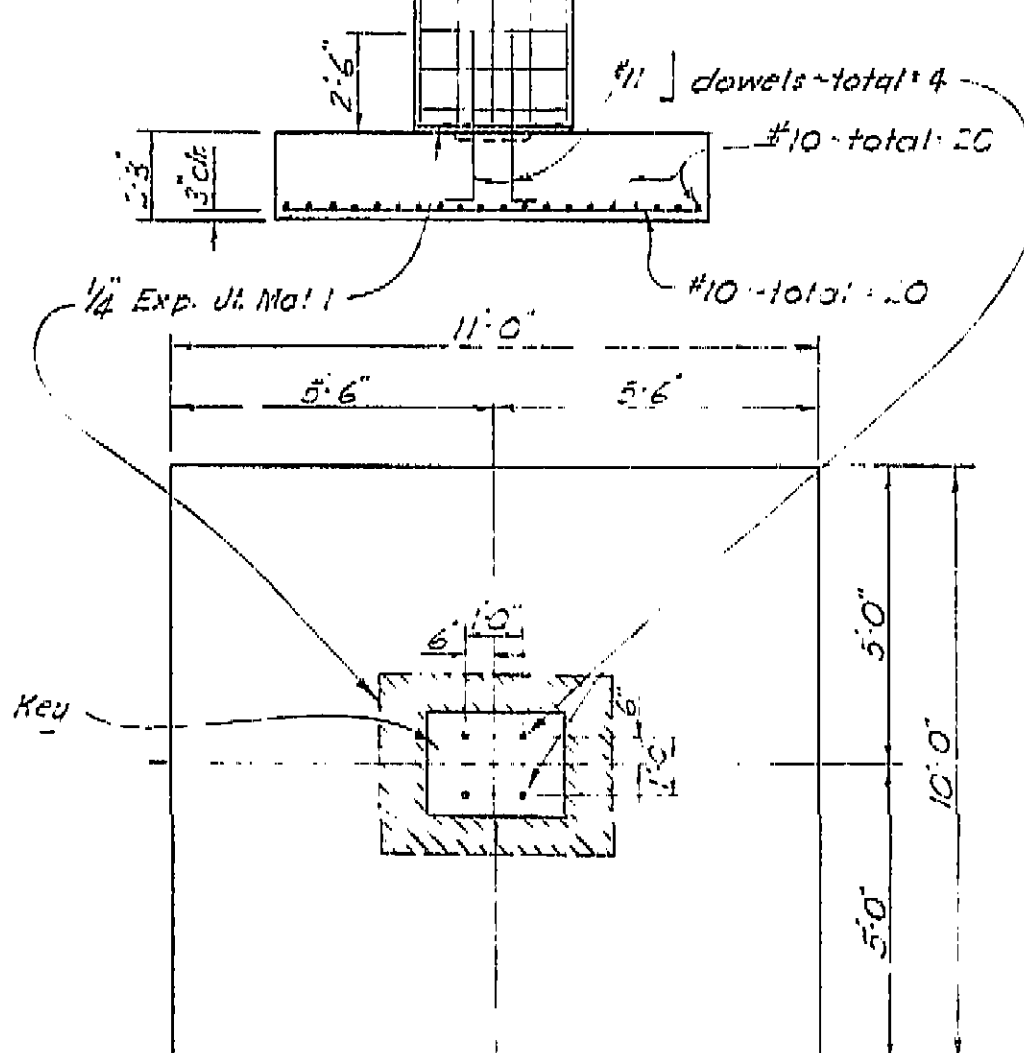
PLAN
Scale: 1/4" = 1'-0"



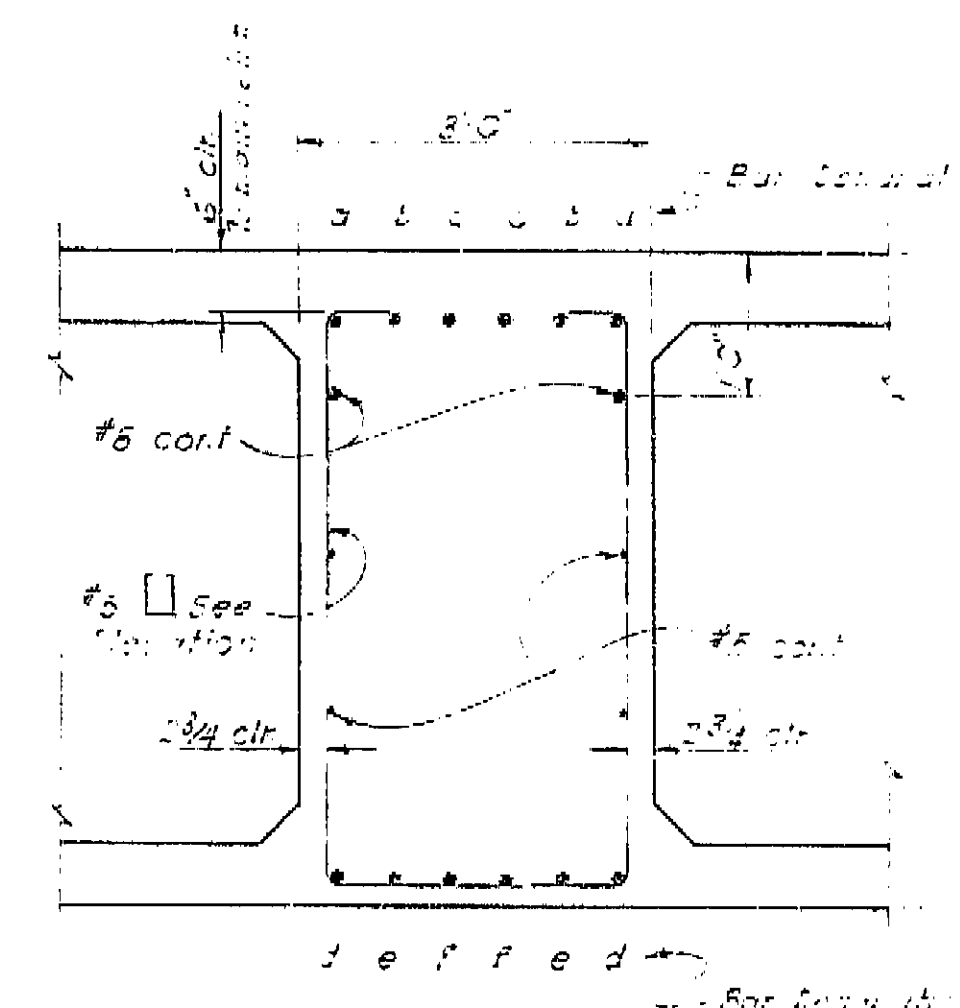
Note:
Number of ends of bars indicate
distance in feet from Column
or between Columns.

El. Bent 2 = 282.0
El. Bents 3 & 4 = 285.0

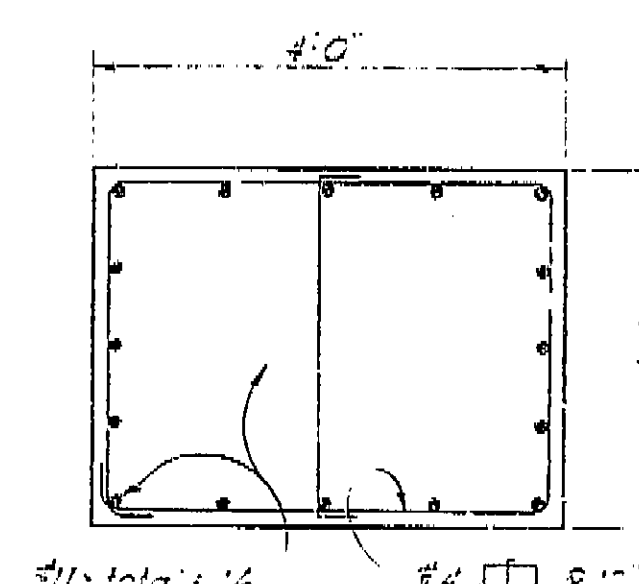
ELEVATION
Scale: 1/4" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/8" = 1'-0"



CAP SECTION
Scale: 3/4" = 1'-0"



TYPICAL COLUMN SECTION
Scale: 3/4" = 1'-0"

THIS SET OF PLANS HAS BEEN CORRECTED TO
CORRESPOND TO THE "AS BUILT" PRINTS NOTED
11-6-53 AS SUBMITTED BY RESIDENT
ENGINEER C.T.B.
REVISIONS CORRECTED BY B.L. DAVE, 12-1-54

AS BUILT PLANS
Contract No. 61-6713C7
Date Completed _____
Document No. 60001055

BRIDGE DEPARTMENT	
DESIGN SECTION 4	
Project Designer: Ray E. Glover	
Chief Designer: R.E. Glover	
DESIGN	By Ray E. Glover
DETAILS	By Ray E. Glover
QUANTITIES	By Ray E. Glover
SPECIFICATIONS	By Ray E. Glover
Approved Recommended by: Ray E. Glover	

STATE OF CALIFORNIA	
DEPARTMENT OF PUBLIC WORKS	
DIVISION OF HIGHWAYS	
CHESTNUT AVENUE OVERCROSSING	
BENT DETAILS	
SCALE AS SHOWN	BRIDGE 42-206
FILE	DRAWING C-6696-4

Discard prints bearing earlier numbers

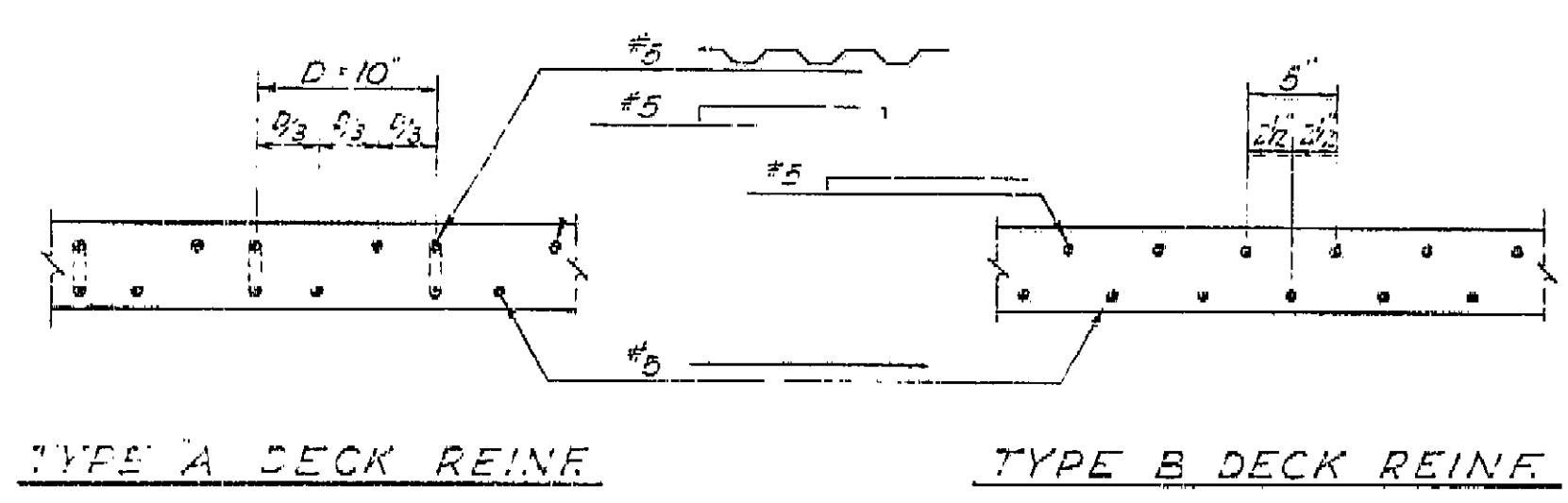
PREL. DRAWING NO. P. 6696 1/5

415

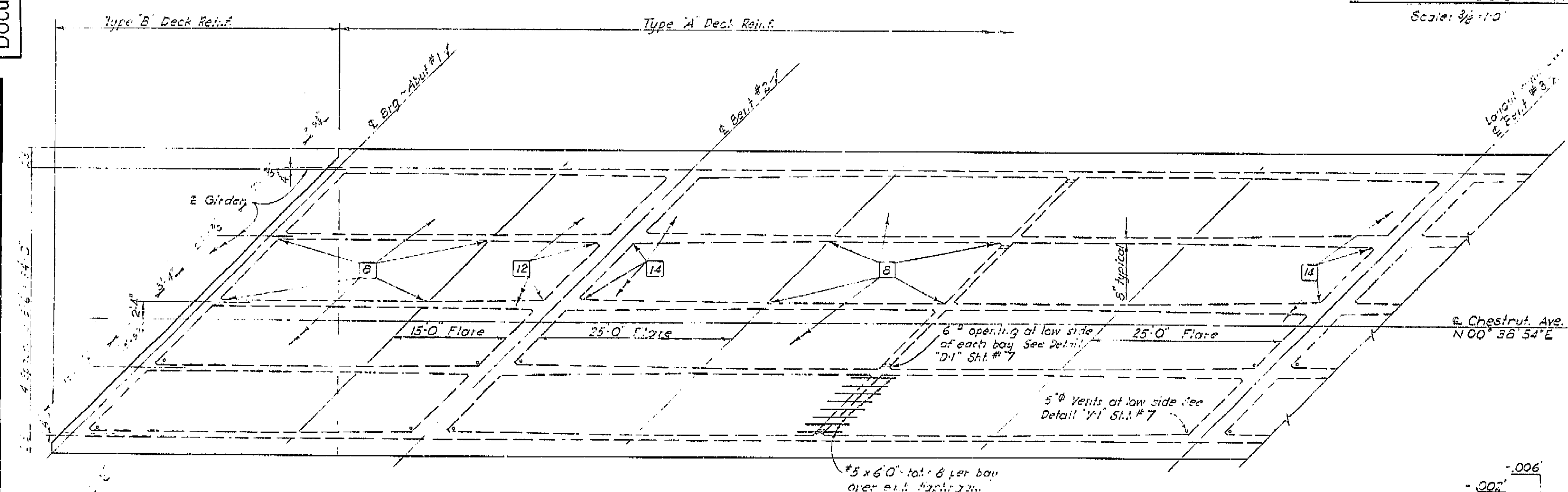
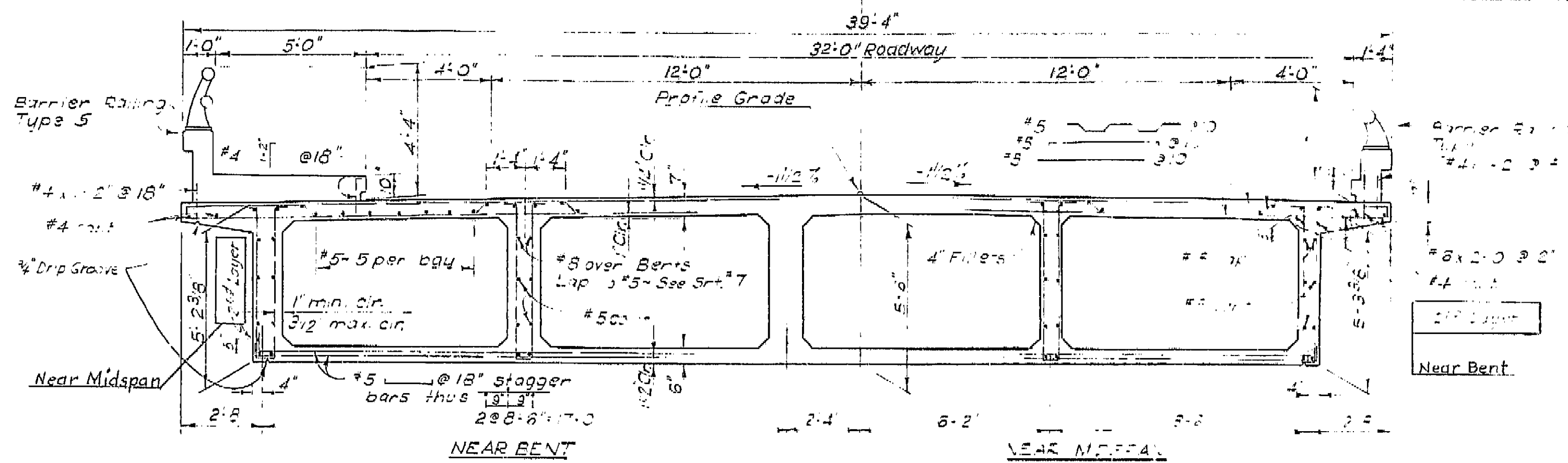
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 12-23-54 SIGNATURE: _____ TITLE: _____

Notes

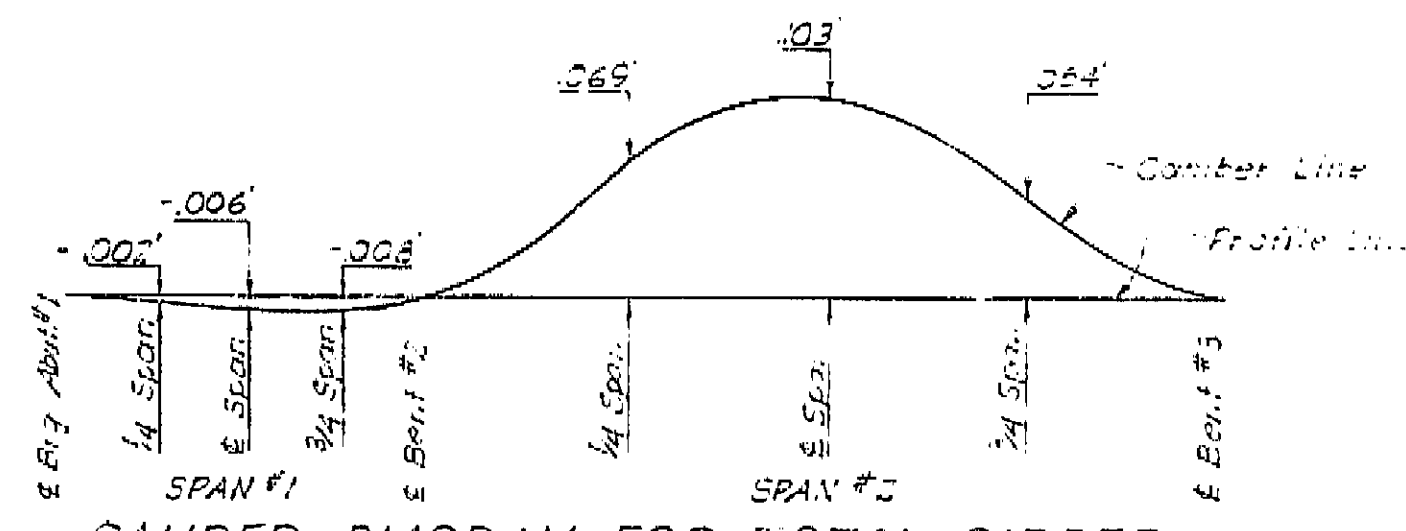
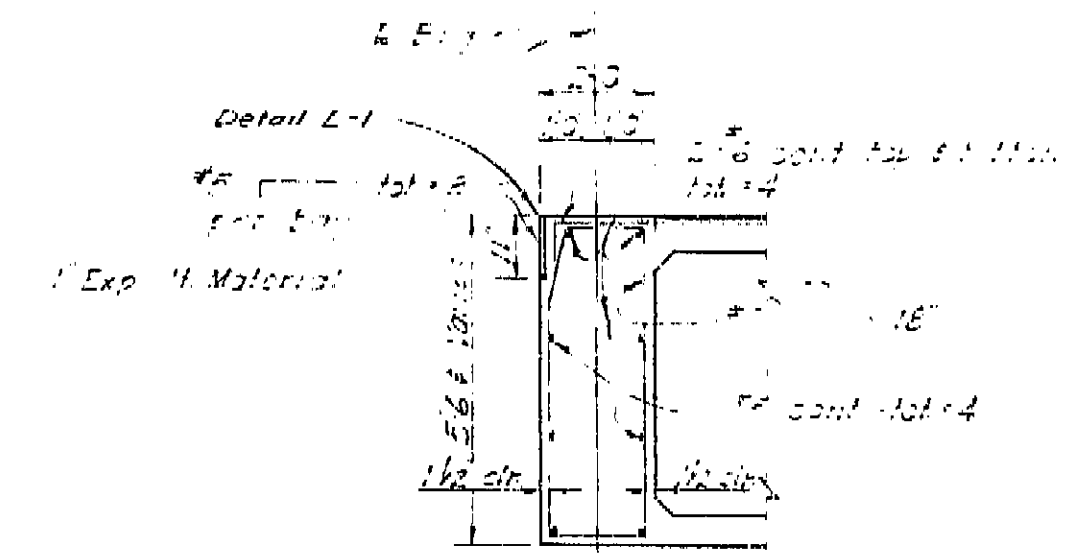
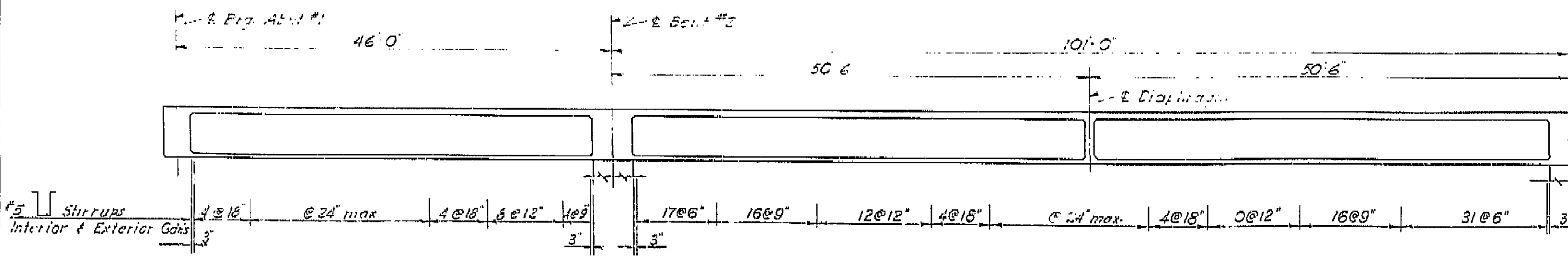
For Girder Reinf. not shown See Sht. #5
For Railing Details not shown See Sht. #9 & Chestnut Ave



No Scale:
Distribution & Temperature steel not shown.
Place Transverse Deck Reinf. parallel to & Girders.



Note: □ designates Flare width in inches.
See page #6 for Flare diagram.



THE TOTAL DEFLECTION WILL BE REACHED ABOUT 4 YEARS AFTER FALSEWORK REMOVAL. FOR VALUES AT TIME OF FALSEWORK REMOVAL DIVIDE THOSE SHOWN BY 4.
THE AMOUNT OF CAMBER FOR CONSTRUCTION WILL BE DETERMINED BY THE ENGINEER.

BRIDGE DEPARTMENT		STATE OF CALIFORNIA	
DESIGN SECTION		DEPARTMENT OF PUBLIC WORKS	
Project Designer: <i>Ray E. Glover</i>		DIVISION OF HIGHWAYS	
Chief Designer: <i>R. E. Glover</i>		CHESTNUT AVENUE OVERCROSSING	
DESIGN	By <i>Ray E. Glover</i>	Checked <i>J. L. Glover</i>	SCALE AS SHOWN BRIDGE 42-208 FILE DRAWING C-6696-5
DETAILS	By <i>Ray E. Glover</i>	Checked <i>J. L. Glover</i>	
QUANTITIES	By <i>Ray E. Glover</i>	Checked <i>J. L. Glover</i>	
SPECIFICATIONS	By <i>Ray E. Glover</i>	Checked <i>J. L. Glover</i>	
Approved Recommended by <i>Ray E. Glover</i>		PREL. DRAWING No. P- 6696	

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE *12-23-71* SIGNATURE *Ray E. Glover* TITLE *Chief Designer*

AS BUILT PLANS
Contract No. 61-6713-67
Date Completed
Document No. 6696-1955

256

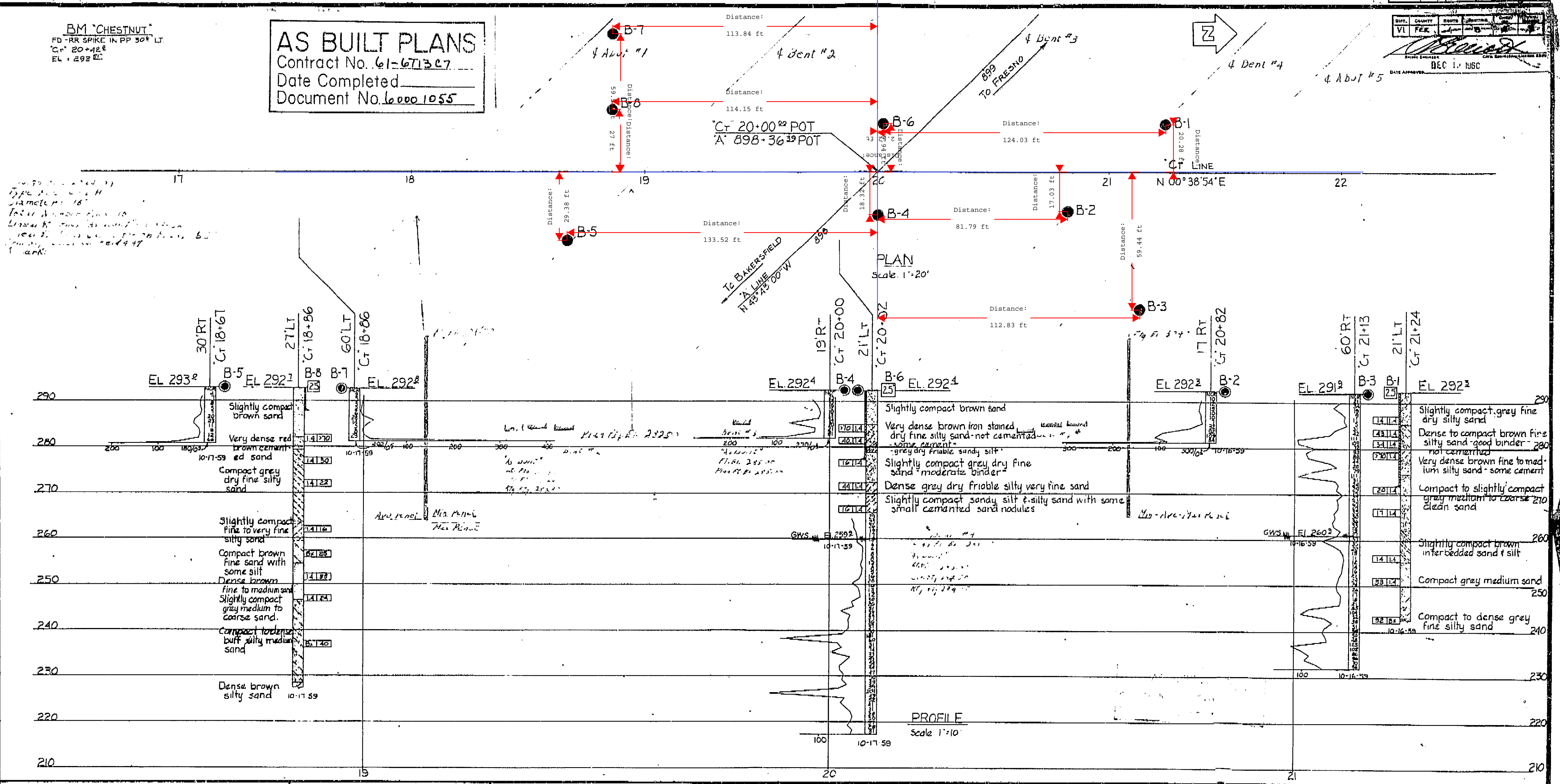
PROJECT NO.	STATE	SECTION	SHEET
7	CAL.	455	262

DATE	BY	CHECKED	DATE
DEC 1, 1950			

AS BUILT PLANS
 Contract No. 61-6713-27
 Date Completed _____
 Document No. 6000 1055

BM "CHESTNUT"
 FD - RR SPIKE IN PP 30' LT
 C.T. 20+12.8
 EL. 292.2

BM "CHESTNUT"
 Type of soil: H
 Diameter: 18"
 Total Number of Boreholes: 10
 Location of Boreholes: As shown on this plan
 Date of Borehole: 10-17-59
 Name of Engineer: J. H. H. H.



FIELD STUDY	10-30
DESIGN	11-30
CONSTRUCTION	12-1-59

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS

DIAGRAM SHOWING THE BASIS FOR ESTIMATES OF GRADE SIZE DISTRIBUTION USED IN DETERMINATION OF CLASS NAMES. IF GRAVEL IS PRESENT IN APPRECIABLE AMOUNTS THE TERM "GRAVELLY" MAY BE ADDED TO THE CLASS NAME, VIZ. "GRAVELLY SAND". THE TERMS "COARSE", "MEDIUM" AND "FINE" WHEN USED TO DESCRIBE SAND, SILT AND GRAVEL REFER TO STANDARD GRADE SIZE LIMITS.

LEGEND OF EARTH MATERIALS

GRAVEL	SILTY CLAY OR CLAYEY SILT
SAND	PEAT AND/OR ORGANIC MATTER
SILT	FILL MATERIAL
CLAY	IGNEOUS ROCK
SANDY CLAY OR CLAYEY SAND	SEDIMENTARY ROCK
SANDY SILT OR SILTY SAND	METAMORPHIC ROCK

LEGEND OF BORING OPERATIONS

- PLAN OF ANY BORING
- PENETROMETER
- 2 1/2" CONE PENETROMETER
- SAMPLER BORING (DRY)
- ROTARY BORING (WET)
- AUGER BORING (DRY)
- JET BORING
- CORE BORING
- TEST PIT

NOTES

The contractor's attention is directed to Section 3, Article (c) of the Standard Specifications and to the Special Provisions accompanying this set of plans. Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS

CHESTNUT AVENUE OVERCROSSING

LOG OF TEST BORINGS

AS SHOWN BRIDGE 42 206 FILE DRAWING 6-6696-11

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE _____ SIGNATURE _____ TITLE _____

Interstop Revised
7-56 KRB

Detail J-5 exterior
order section
Rev. 1-57 RTK
Rev. 10-57 RTK
Detail V-1 Rev.
7-57 RTK
Revised Detail
7-1 10-57
B.J. Chrysler
Detail V-1 Note
Rev. 2-58 RT
1-5-58, Soffit Light,
see for Det. J-1 and
Detail V-1
1-12-58 R.T.C.
10 Groove + Detail
Rev. 3/12/59 J.T.

STANDARD DRAWING
No. 6696-7
7-58 RTK

C-1, 1, 1 V-1
7-58 RTK

AS BUILT PLANS
Contract No. 61-6713-67
Date Completed
Document No. 6696-7

258

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			258	262

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	7C			258	262

DATE APPROVED
APPROVED ENGINEER
CIVIL ENGINEER - LICENSE 9345

6" Square opening at low side of each bay between girders. See "Girder Layout" for location.

SECTION B-B

Square or round vent Square or round drip groove.

VENT DETAIL V-1

Note:
5" x Vent in lower slab.
Min. of two vents per span in each bay between girders. One vent to be located at low point of span and other vent to be located at far end of span @ 1'-6" from face of Abut. or Bent. See "Girder Layout."

INTERMEDIATE DIAPHRAGM SECTION DETAIL D-1

Reinf. cont. thru joint

Keys 12" x 1 1/2" over 50% of area.

Const. jt. normal to cap

Const. jt. normal to diaphragm

4-#8 x 5'-0" Tot. 8 for 18"± diaphragm At mid height of diaphragm. No additional reinforcing required for 8" diaphragm.

Keys 12" x 1 1/2" over 50% of area.

Stop key 3" from exposed surfaces.

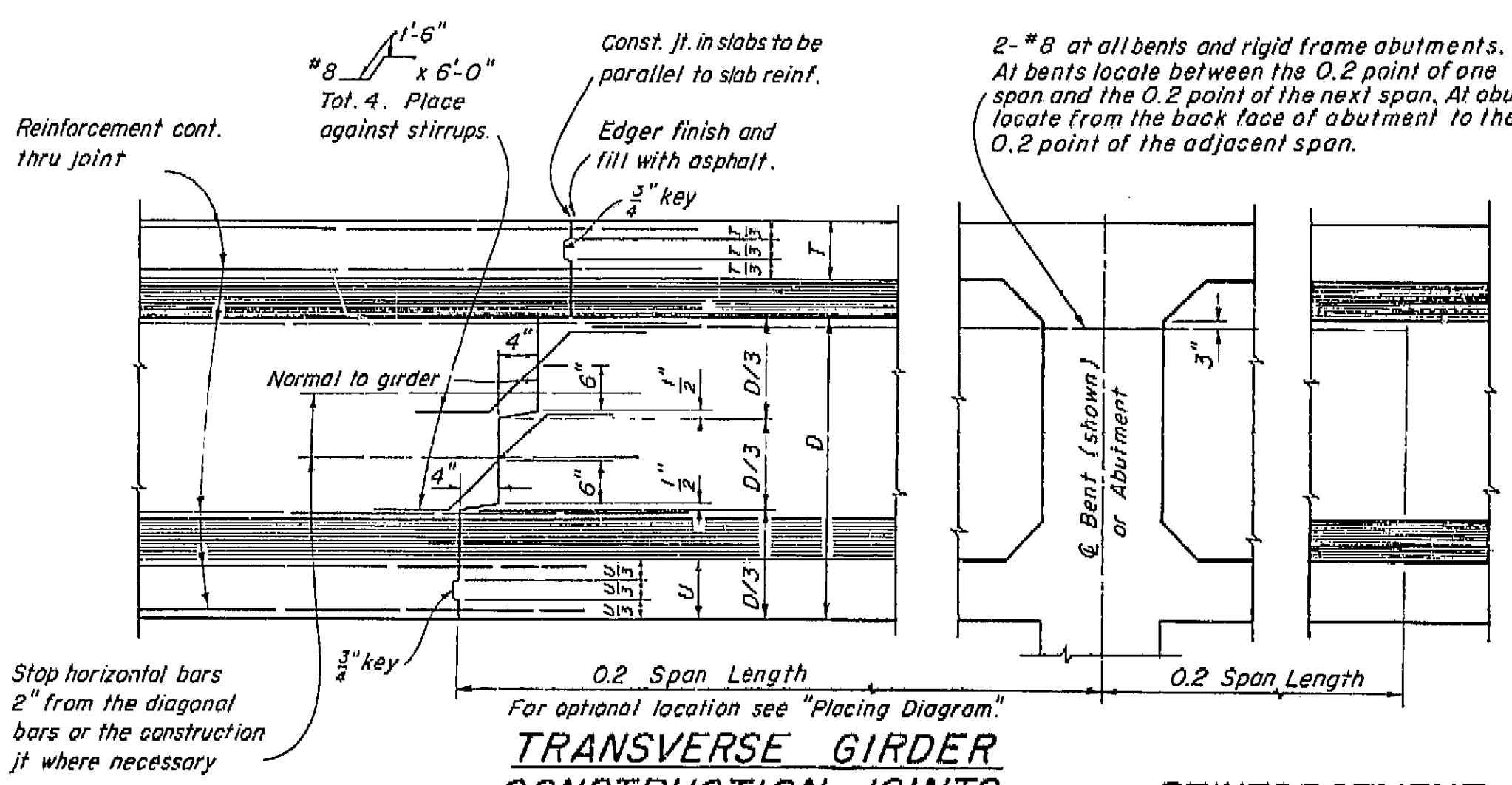
For Detail J-21 or J-22

For Detail J-20

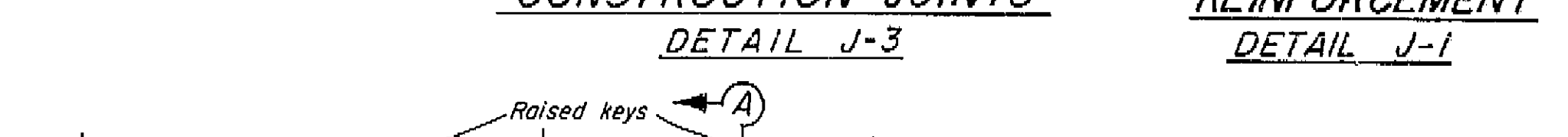
Typical slab reinforcement

Diaphragm normal to deck grade

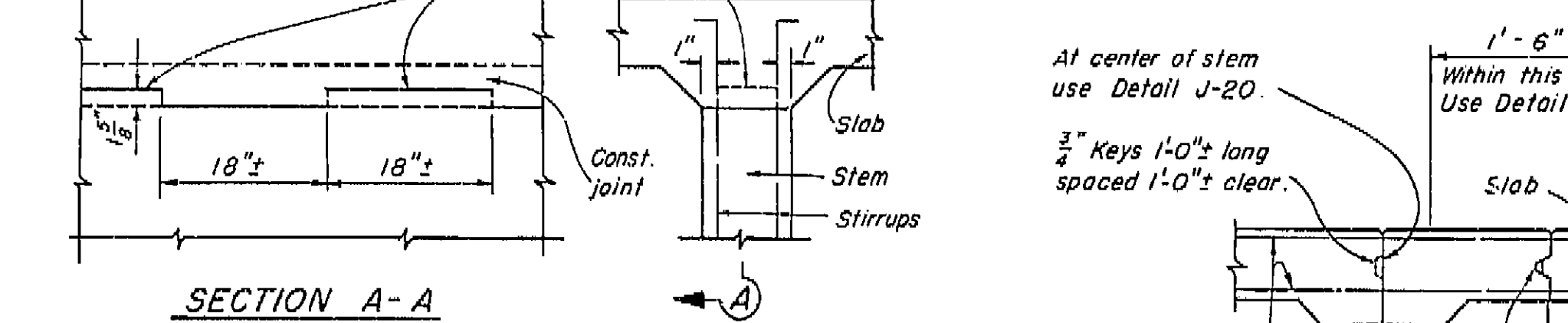
Reinf. cont. thru joint



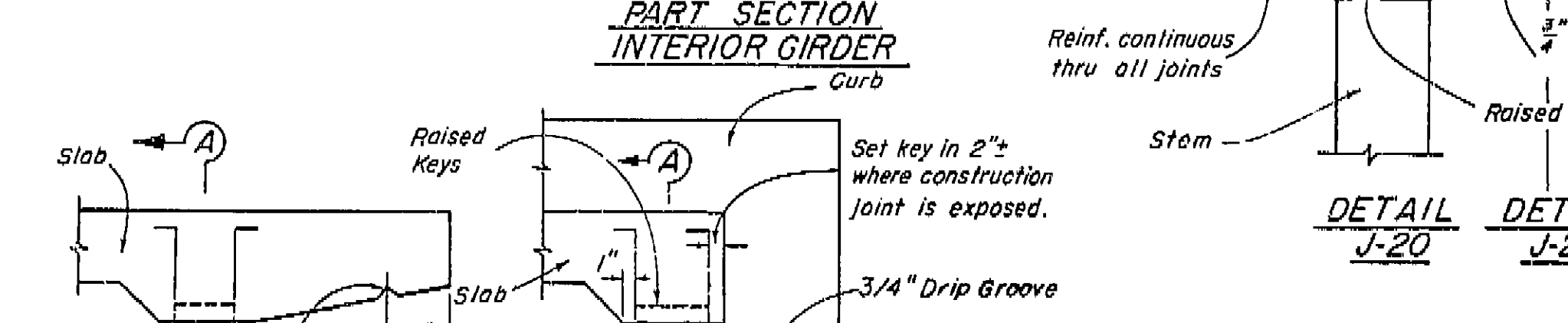
TRANSVERSE GIRDER CONSTRUCTION JOINTS DETAIL J-3



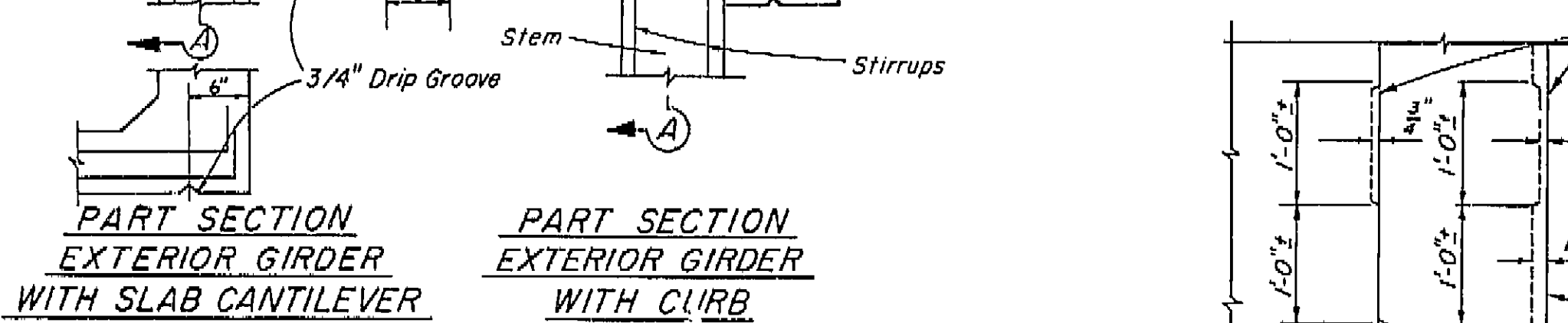
REINFORCEMENT DETAIL J-1



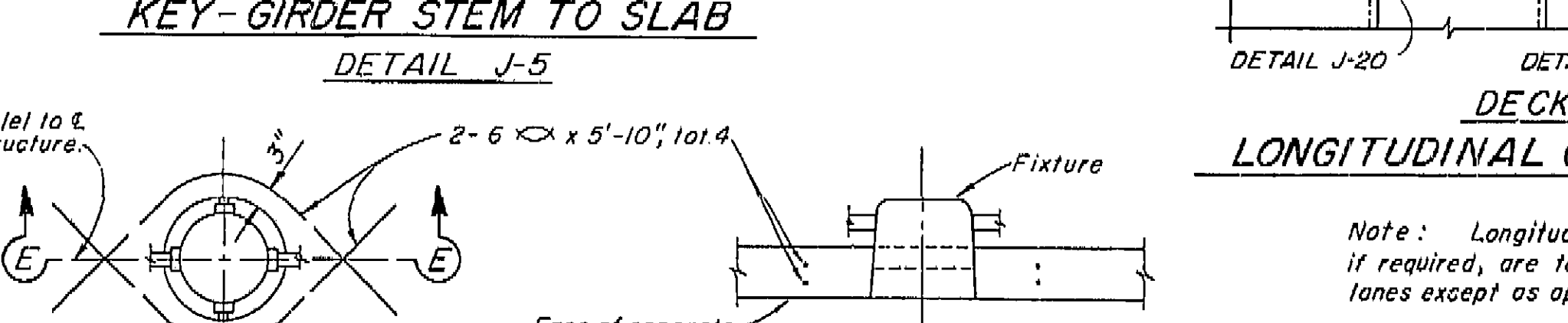
BENT CAP LONGITUDINAL CONSTRUCTION JOINT DETAIL J-4



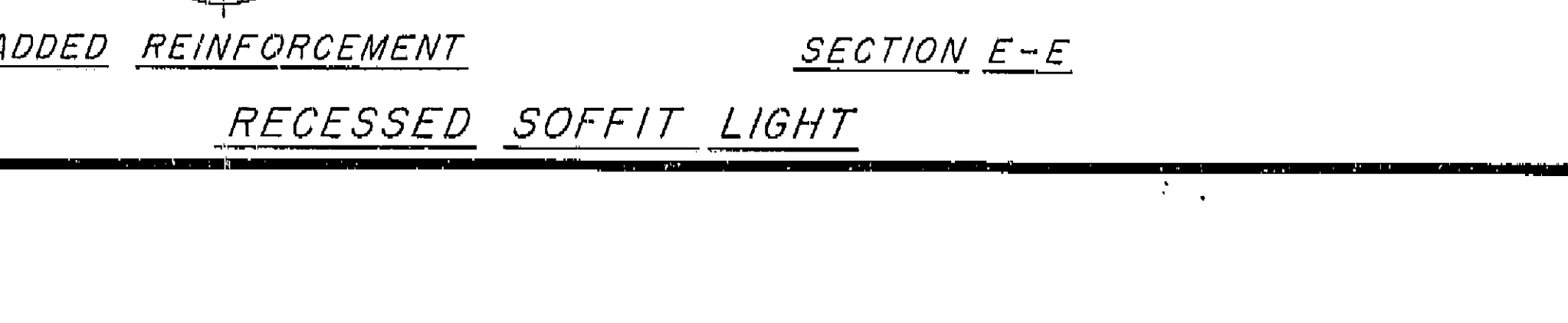
DETAIL J-20 DETAIL J-21 DETAIL J-22



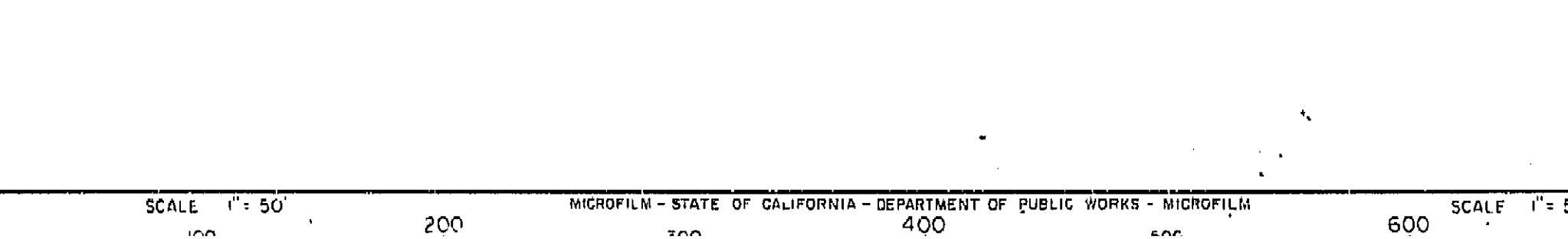
KEY-GIRDER STEM TO SLAB DETAIL J-5



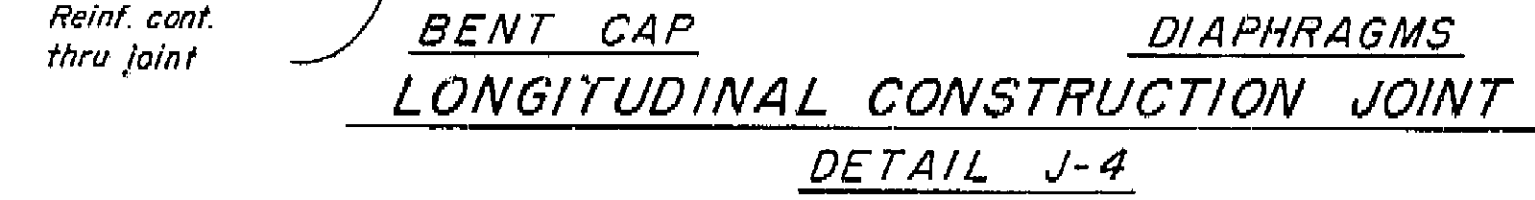
DETAIL J-20 DETAIL J-21 DETAIL J-22



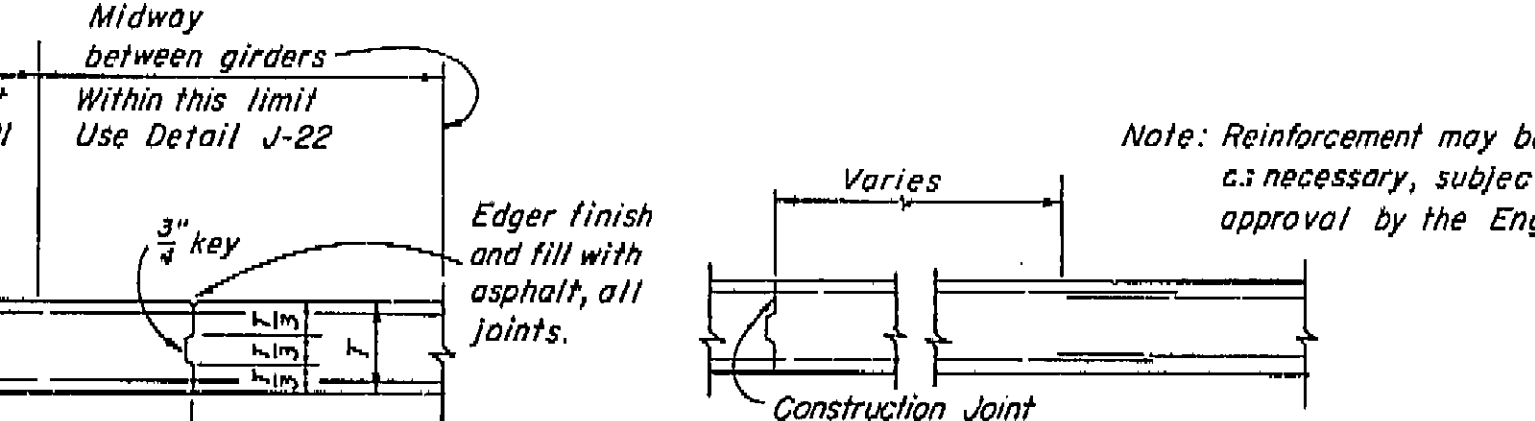
DECK SLAB LONGITUDINAL CONSTRUCTION JOINT



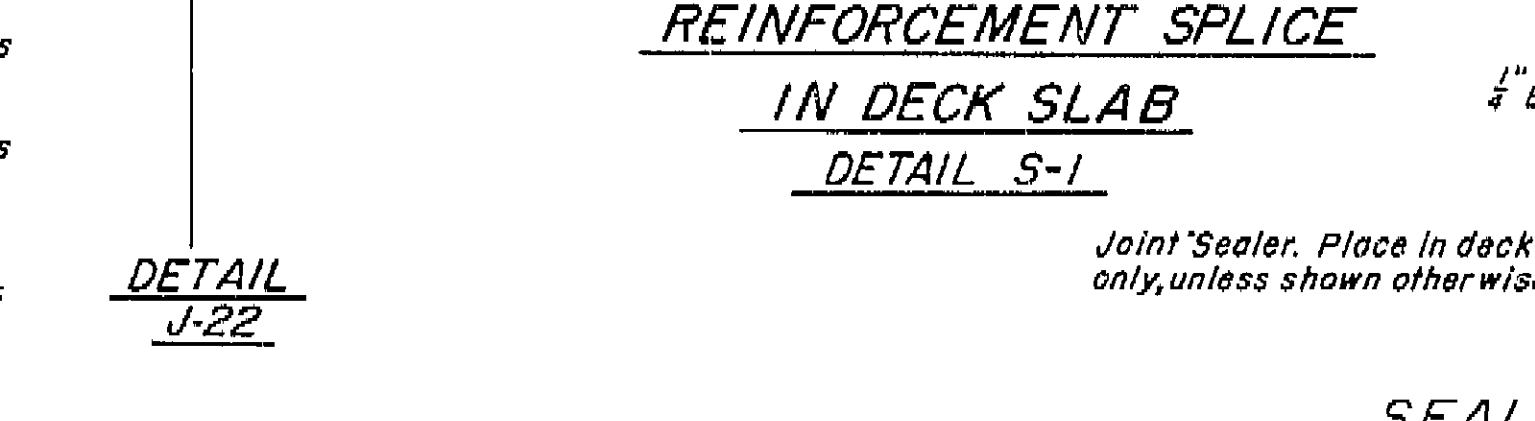
RECESSED SOFFIT LIGHT



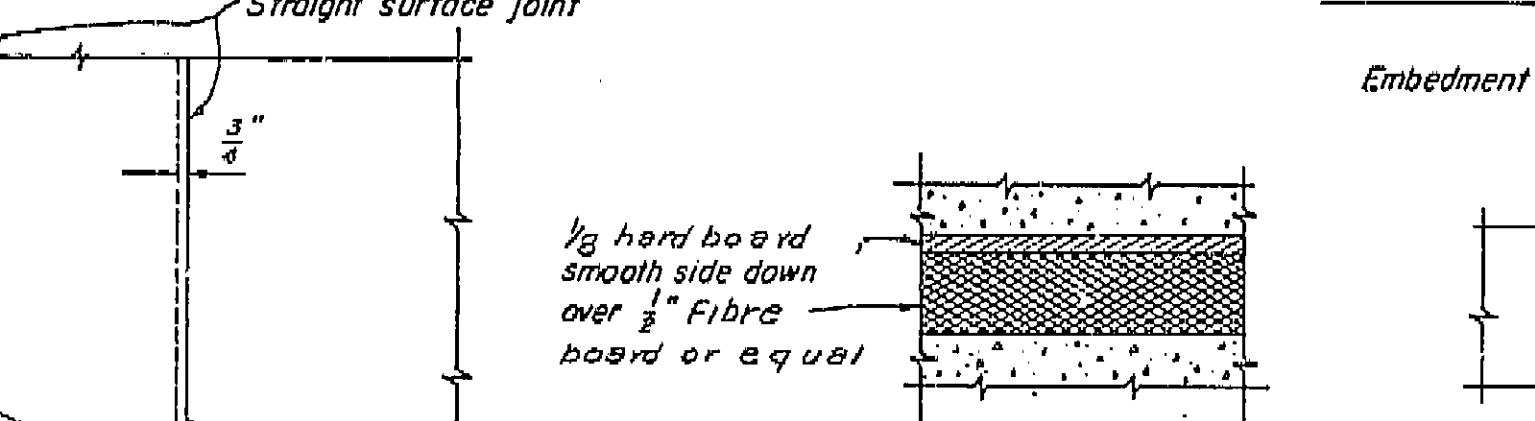
REINFORCEMENT SPLICE IN DECK SLAB DETAIL S-1



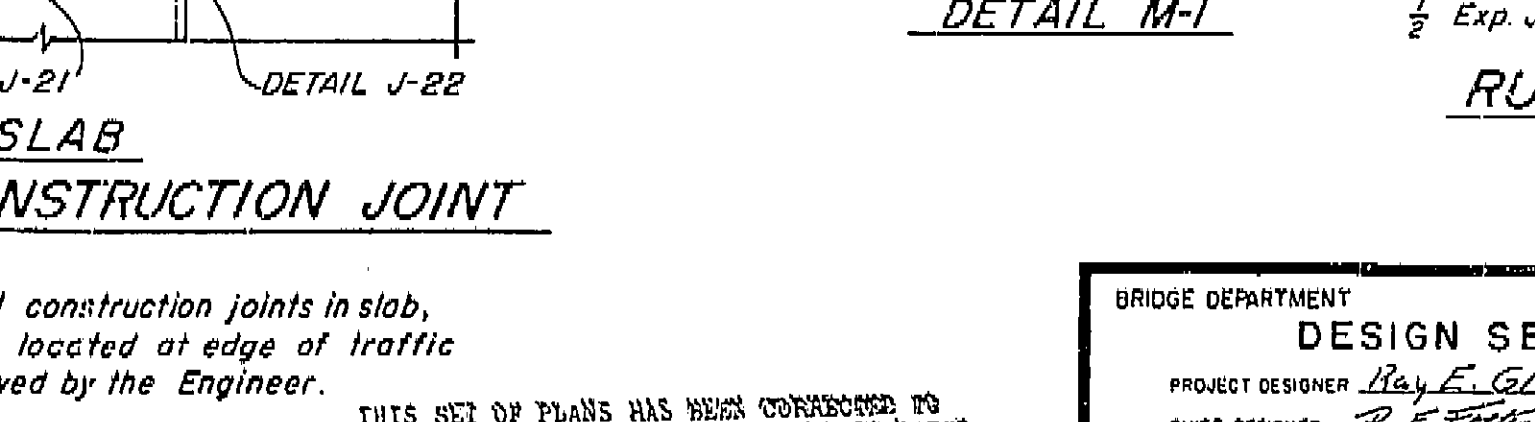
SEALED EXPANSION JOINT DETAIL L-1



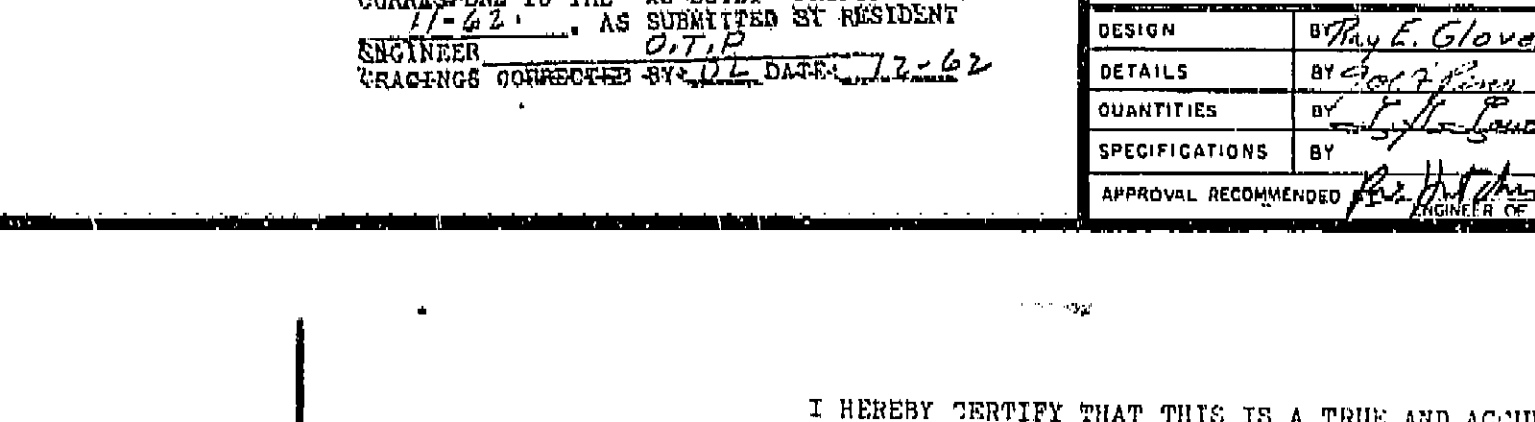
RUBBER WATERSTOP DETAIL W-1



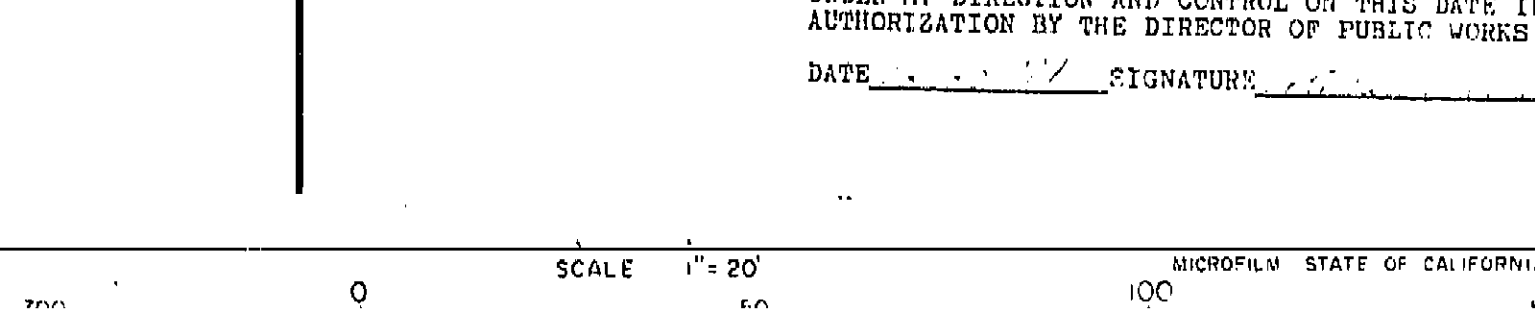
CURB AND SIDEWALK EXPANSION JOINT DETAIL C-1



VENT DETAIL V-1



SECTION E-E



RECESSED SOFFIT LIGHT

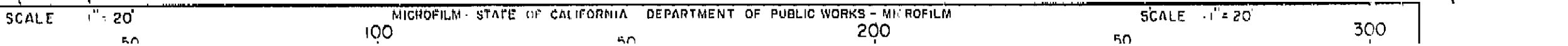
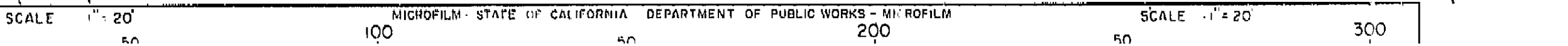
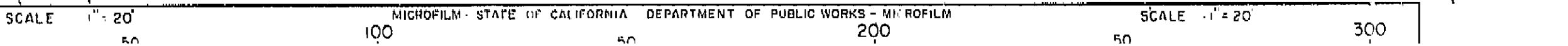
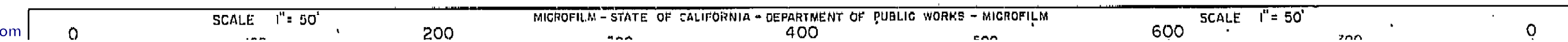
Note: Longitudinal construction joints in slab, if required, are to be located at edge of traffic lanes except as approved by the Engineer.

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 11-62, AS SUBMITTED BY RESIDENT ENGINEER 0712, DATE 12-62. CHANGES CORRECTED BY J.T.C. DATE 12-62.

BRIDGE DEPARTMENT	
DESIGN SECTION	
PROJECT DESIGNER	Ray E. Glover
CHIEF DESIGNER	Ray E. Glover
DESIGN	By Ray E. Glover
DETAILS	By Ray E. Glover
QUANTITIES	By Ray E. Glover
SPECIFICATIONS	By Ray E. Glover
APPROVAL	RECOMMENDED

7/59	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	4A.713.10
CHESTNUT AVENUE OVERCROSSING		
STANDARD DETAILS NO. 1 (BOX GIRDER)		
SCALE - None	BRIDGE 42-206	X5-16-22 DRAWING C-6696-7

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 11/1/62 SIGNATURE J.T.C. TITLE



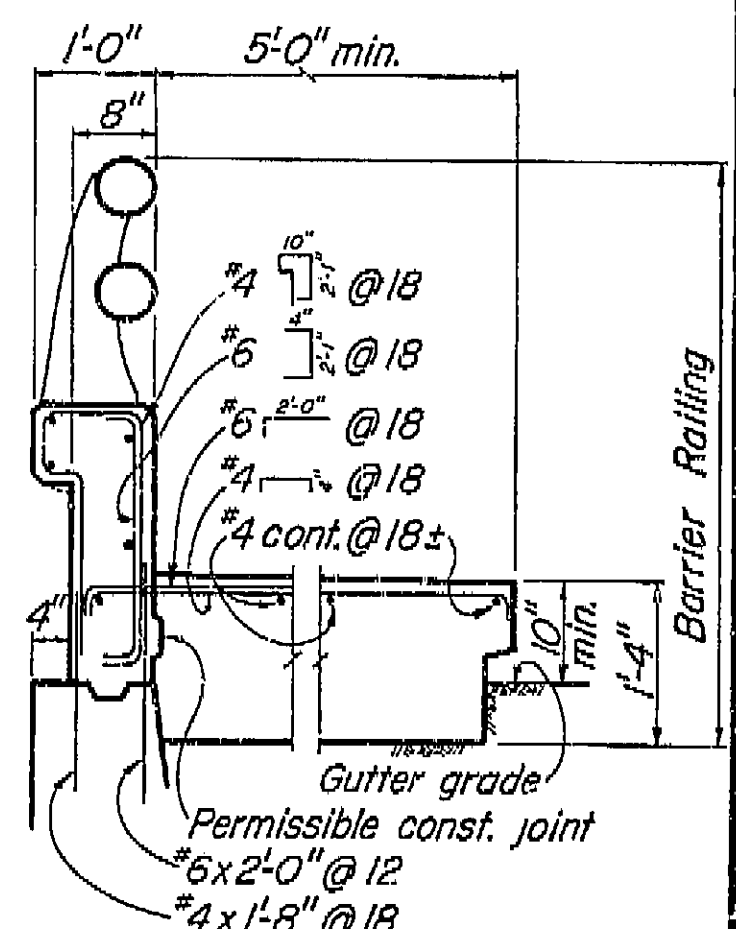
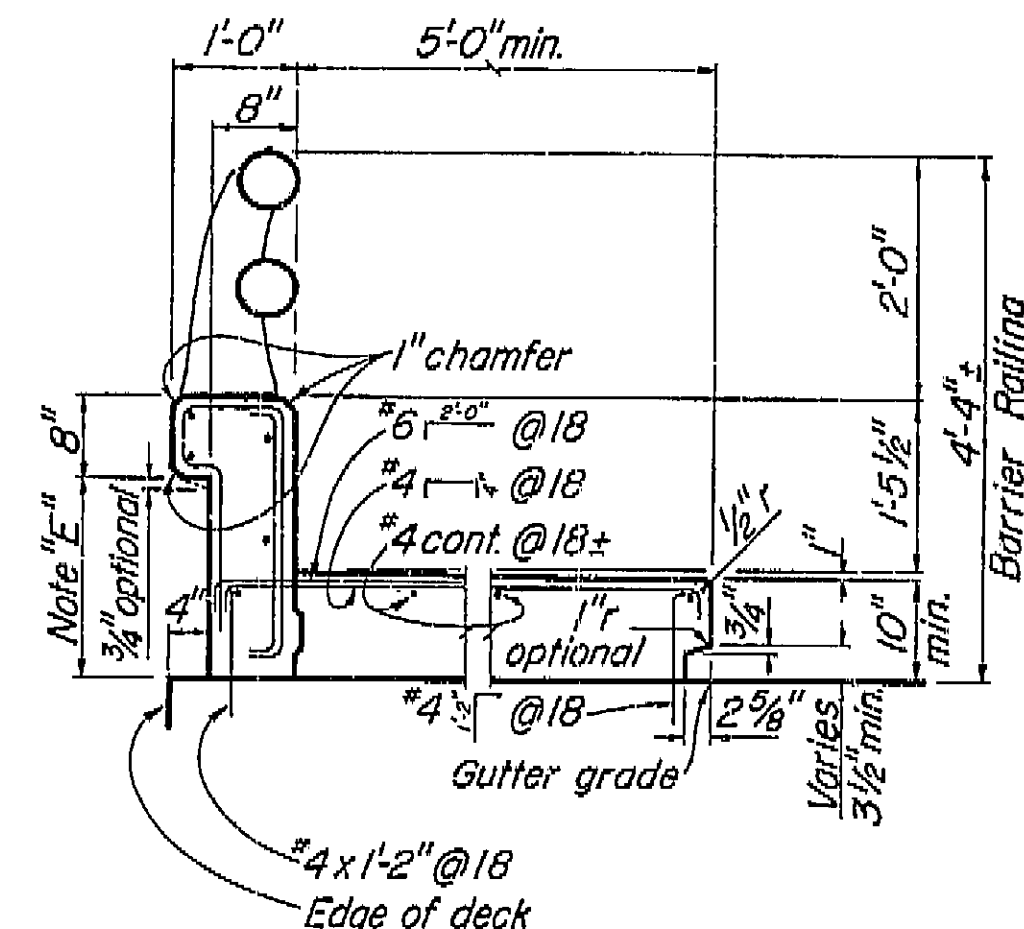
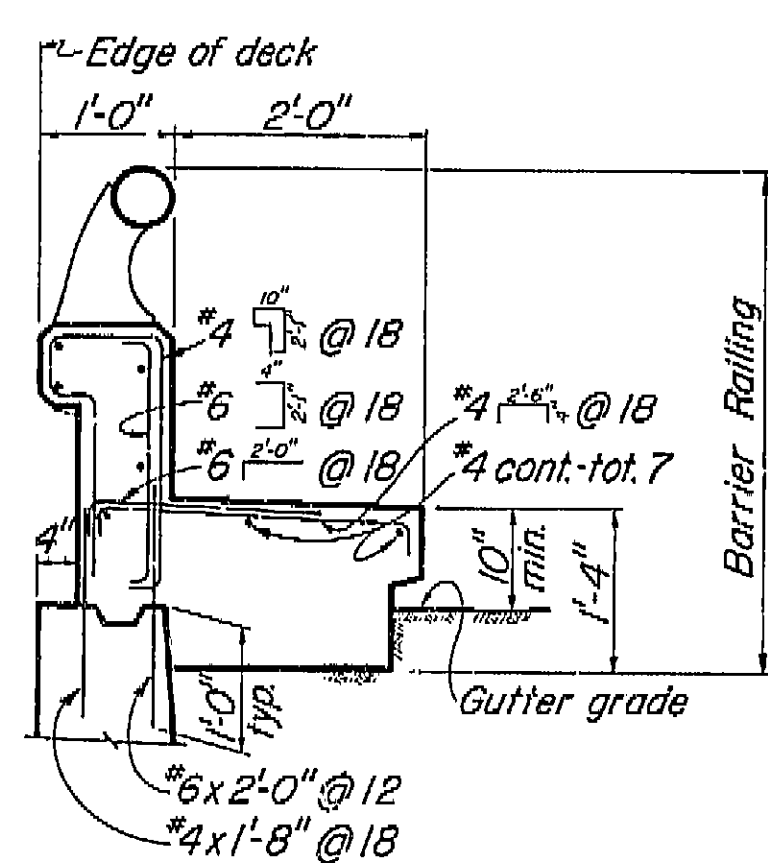
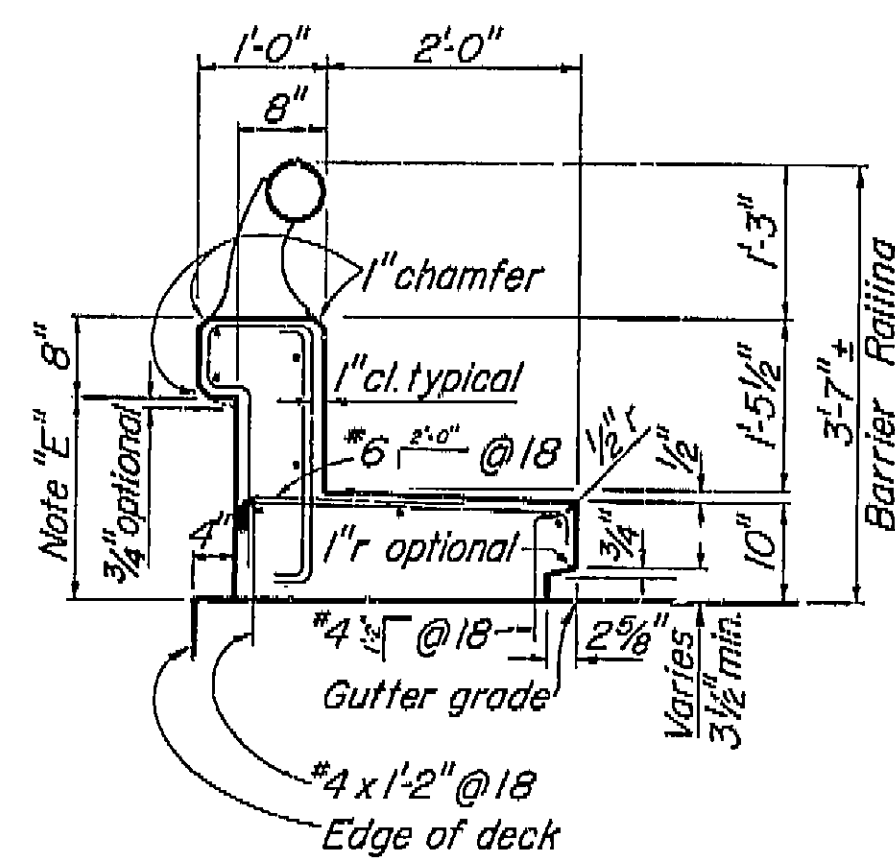
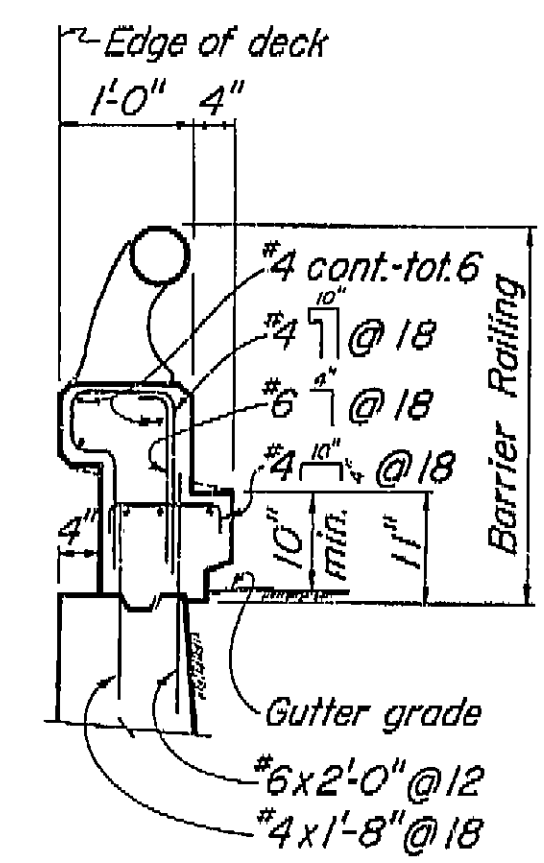
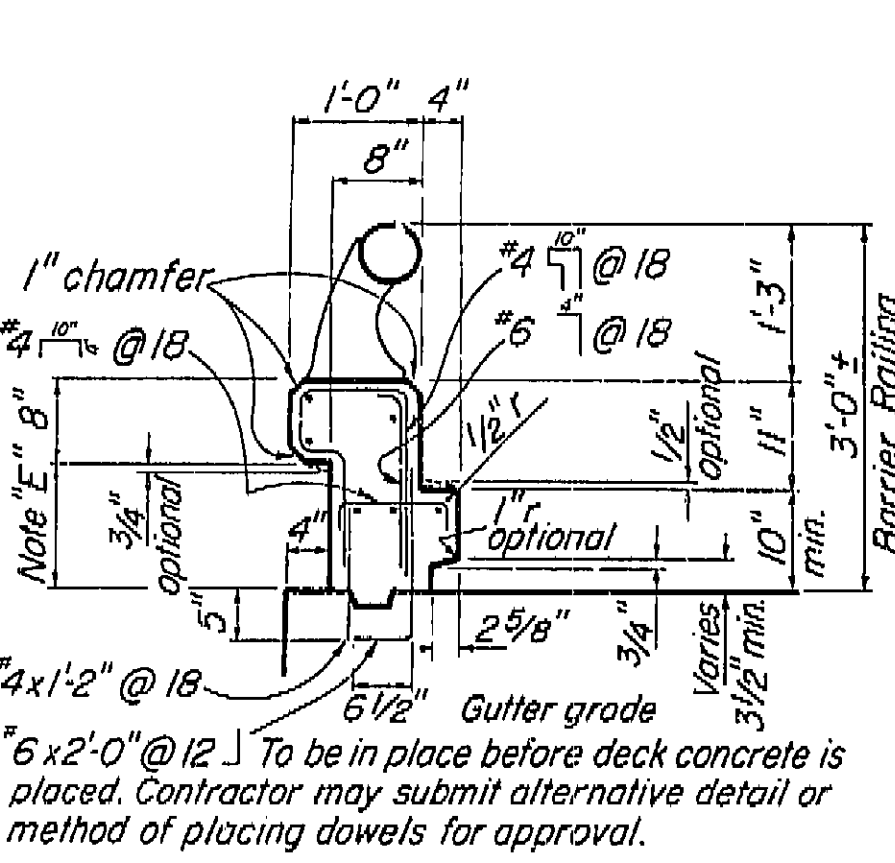
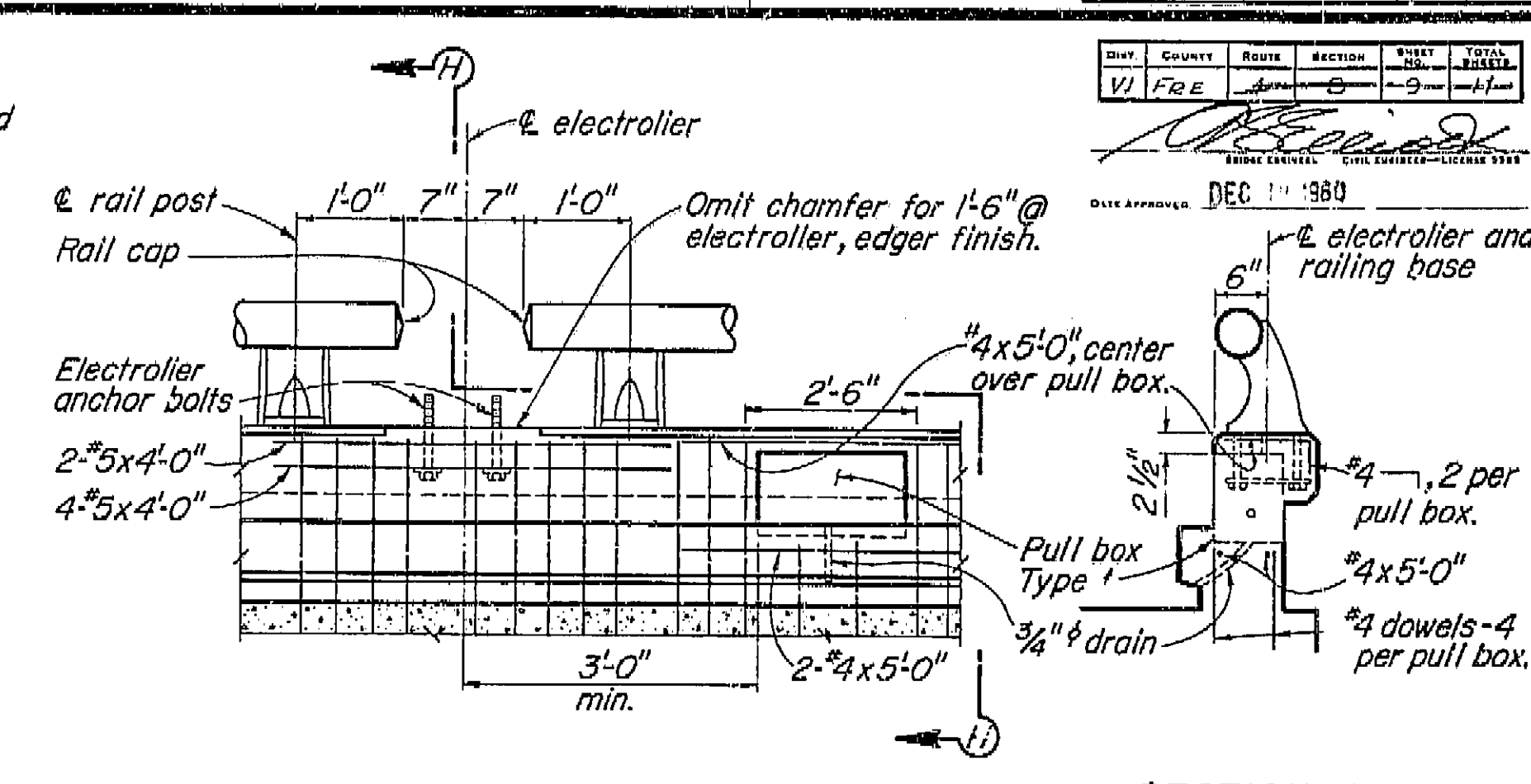
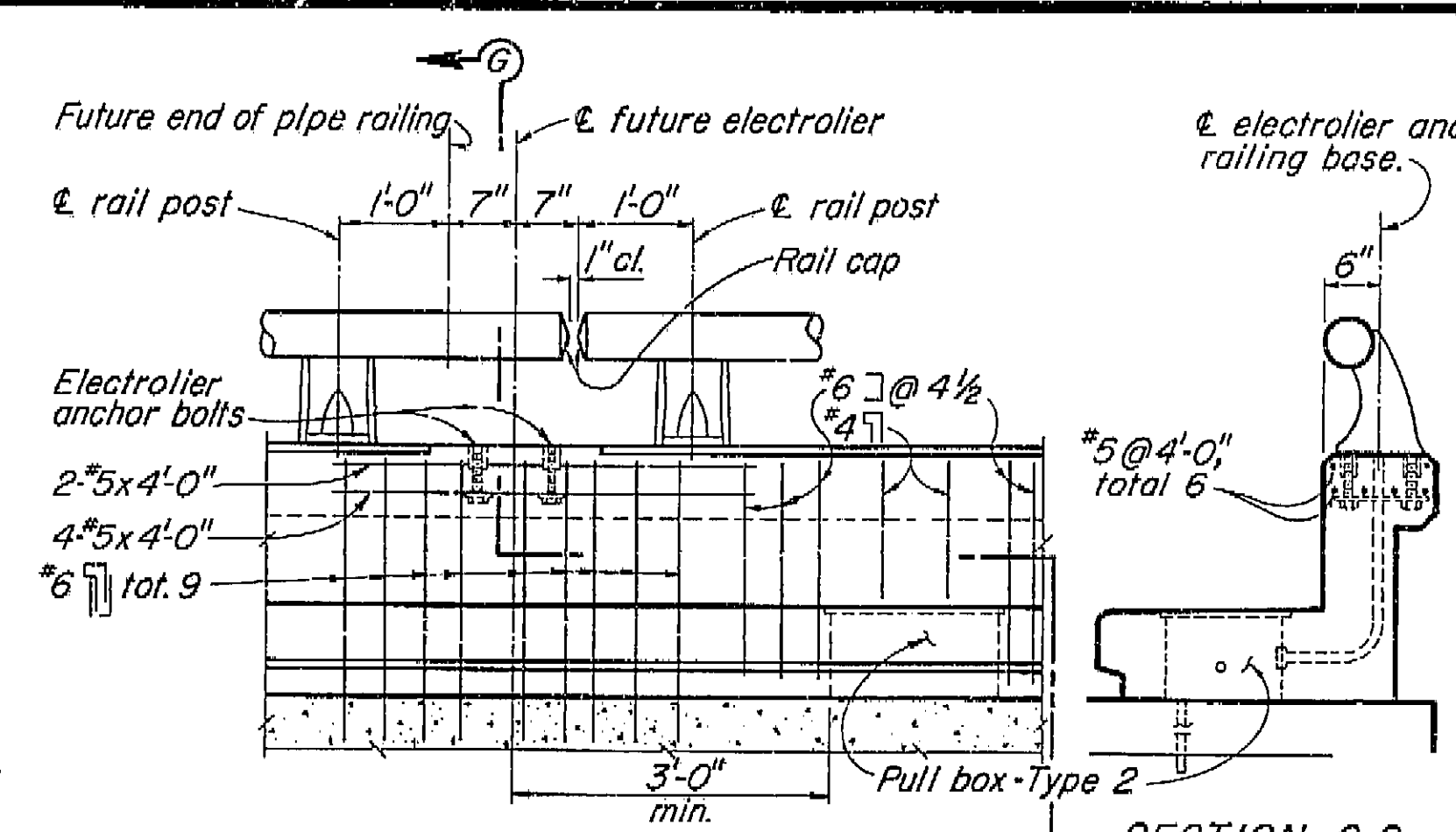
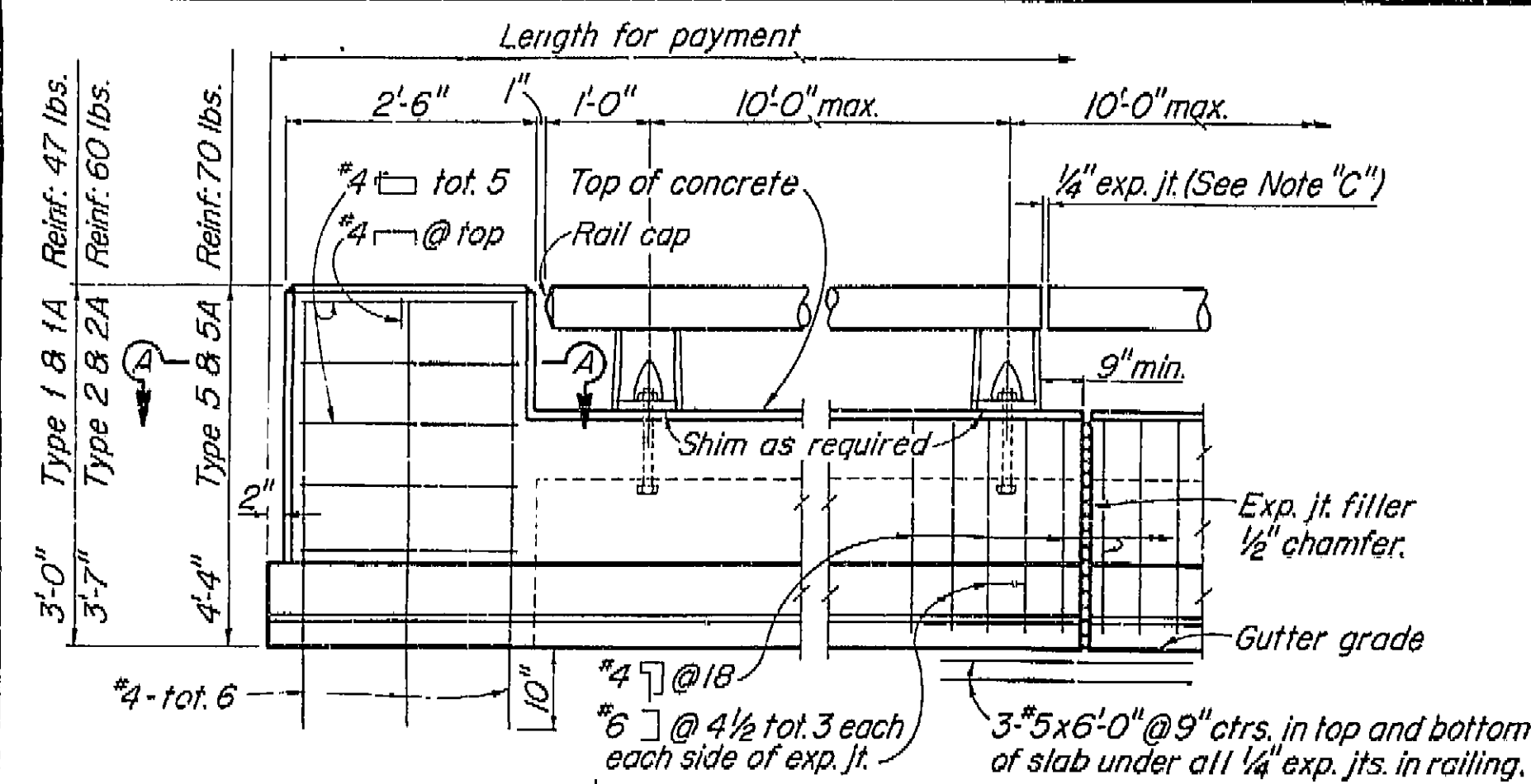
DEPARTMENT OF PUBLIC WORKS - MICROFILM

200 50 300

SCALE 1" = 20'

TAPE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS - MICROFILM SCALE 1" = 20'

0 MICROFILM - STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS - MICROFILM



TYPE 1
Conc. 1.61 cu. ft. / lin. ft.
Reinf. 11.8 lbs. / lin. ft.

TYPE 1A
Conc. 1.61 cu. ft. / lin. ft.
Reinf. 12.0 lbs. / lin. ft.

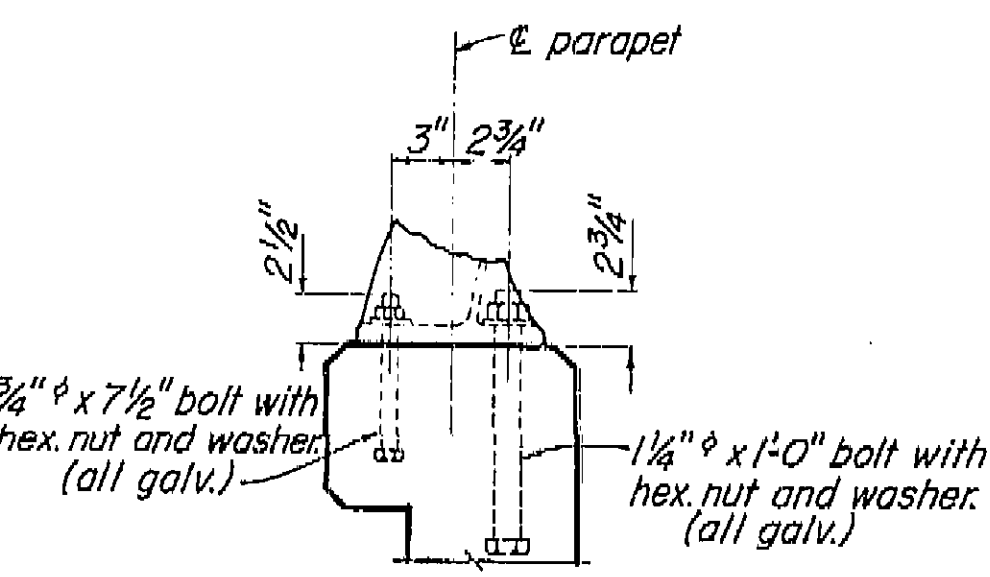
TYPE 2
Conc. 3.43 cu. ft. / lin. ft.
Reinf. 14.7 lbs. / lin. ft.

TYPE 2A
Conc. 4.30 cu. ft. / lin. ft.
Reinf. 17.3 lbs. / lin. ft.

TYPE 5
Conc. 6.10 cu. ft. / lin. ft.
Reinf. 17.2 lbs. / lin. ft.
Conc. 0.84 cu. ft. / lin. ft.
Reinf. 2.1 lbs. / lin. ft.

TYPE 5A
Conc. 8.35 cu. ft. / lin. ft.
Reinf. 19.7 lbs. / lin. ft.
Conc. 1.34 cu. ft. / lin. ft.
Reinf. 2.1 lbs. / lin. ft.

TYPICAL CURB AND RAIL SECTIONS



AS BUILT PLANS
Contract No. 61-6713-67
Date Completed
Document No. 6002 1055

- Note: A. Railing shall conform to horizontal and vertical alignment.
B. Posts shall be normal to railing.
C. Curb and wall exp. jts. to be located at all deck joints, at ells or bents and at uniform spacing (40' max.) between those specified. Joint size to be 1/4" min. and increased to match deck joints.
D. Construct 3" deep x 12" wide overflow scupper 2" above deck at low points in grade.
E. Dimension will vary with cross-slope of deck.
F. Walls are to be backfilled before railing is placed.

G. Clearance to reinforcing steel in curb and railing to be 1".

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 11-2-62 AS SUBMITTED BY REFERENCE ENGINEER. TRACINGS CORRECTED BY J.L. DATE: 12-4-62

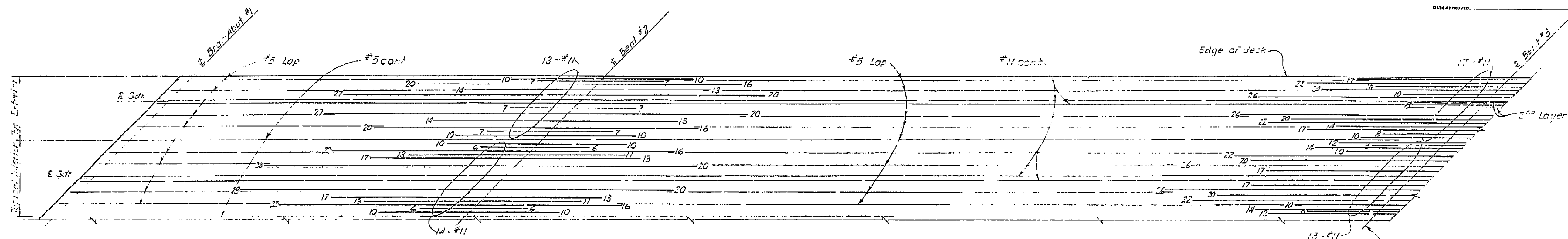
BRIDGE DEPARTMENT DESIGN SECTION		10/60	
Section Supervisor: R.E. Glover		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
DESIGN: R.E. Glover		CHESTNUT AVENUE OVERCROSSING	
DETAILS: J.F. Pina		BARRIER RAILING SHEET 1	
QUANTITIES: L.G. Low		Except as noted SCALE 3/4" = 1'-0"	
Checked: N. R. H. B. B.		BRIDGE 42-208 XS-9-63 FILE DRAWING C-6896-8	

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE: 11-2-62 SIGNATURE: J.L. TITLE: ENGINEER

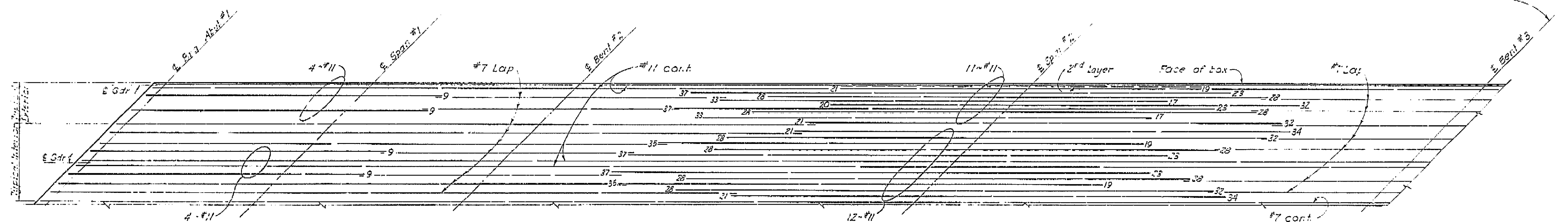
FED. ROAD DIST. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		257	262

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
7	7	7	7	257	262

DATE APPROVED: _____

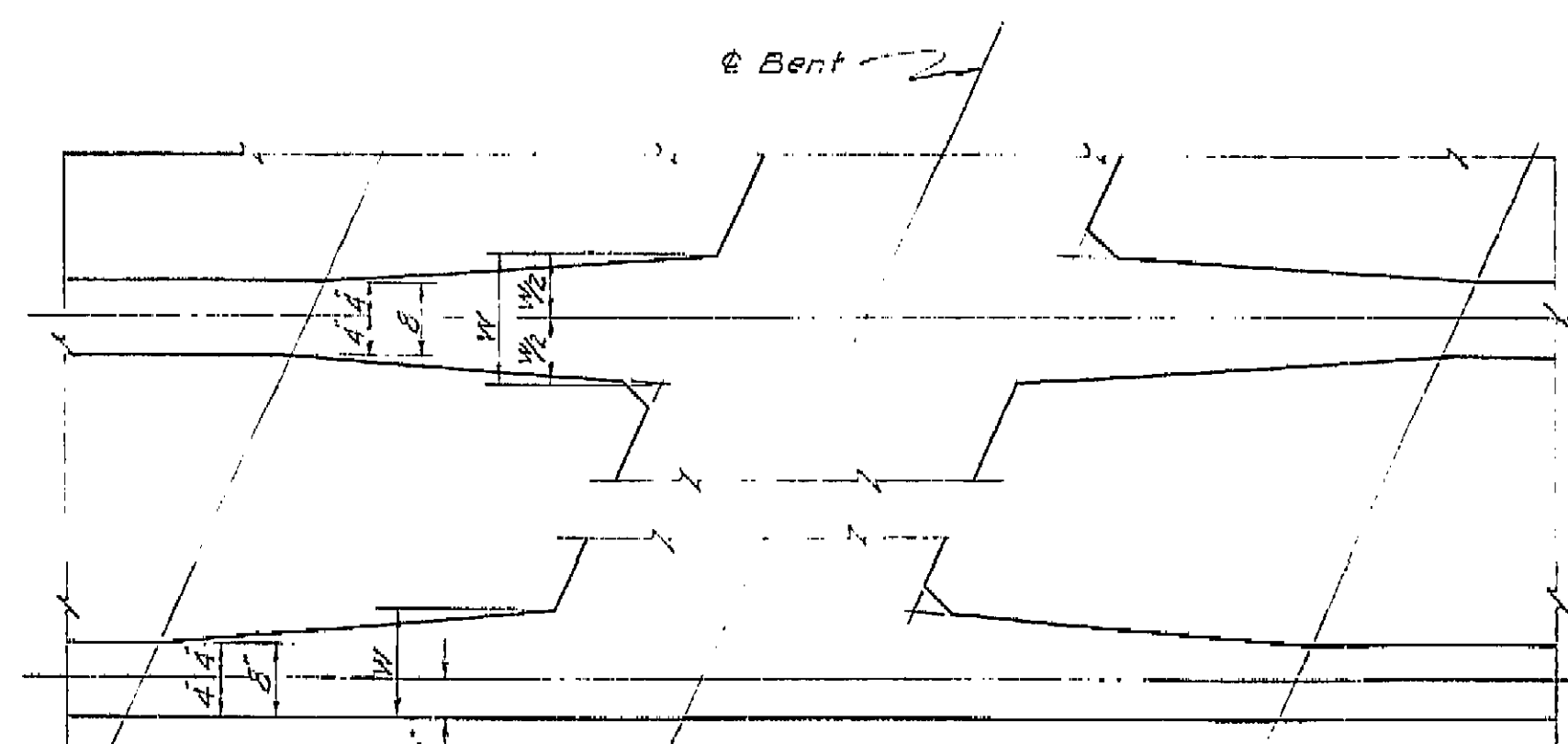


TOP REINFORCEMENT
Scale: 3/16" = 1'-0"



BOTTOM REINFORCEMENT
Scale: 3/16" = 1'-0"

Notes:
Number strands of bars indicate distance in feet from
Bent for Top Reinf. & from Span for Bottom Reinf.



TYPICAL GIRDER FLARE DIAGRAM

AS BUILT PLANS
Contract No. 61-671327
Date Completed _____
Document No. 6000 1055

THIS SET OF PLANS HAS BEEN CORRECTED TO
CORRESPOND TO THE "AS BUILT" PRINTS DATED
11-5-62, AS SUBMITTED BY RESIDENT
ENGINEER, C.T.P.
TRACINGS CORRECTED BY: 222 DATE: 7-2-62

BRIDGE DEPARTMENT			
DESIGN SECTION			
Project Designer: Ray E. Glover			
Chief Designer: R. E. Glover			
DESIGN	Ray E. Glover	Checked	2-10-62
DETAILS	Ray E. Glover	Checked	2-10-62
QUANTITIES	Ray E. Glover	Checked	2-10-62
SPECIFICATIONS	Ray E. Glover	Checked	2-10-62
Approved: Recommended by: _____			

STATE OF CALIFORNIA			
DEPARTMENT OF PUBLIC WORKS			
DIVISION OF HIGHWAYS			
CHESTNUT AVENUE OVERCROSSING			
GIRDER REINFORCEMENT			
SCALE AS SHOWN	BRIDGE 42-206	FILE	DRAWING C-6698-6

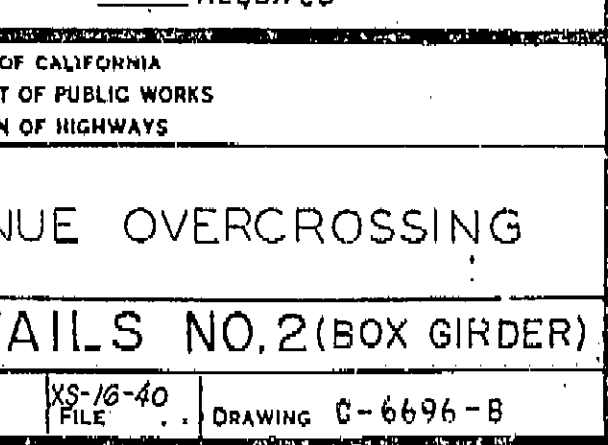
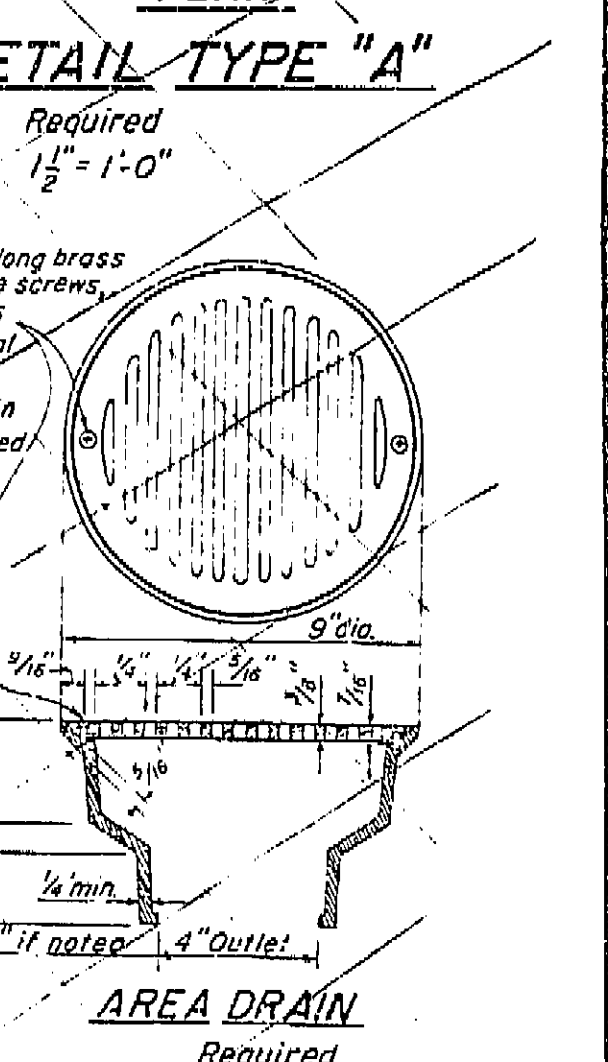
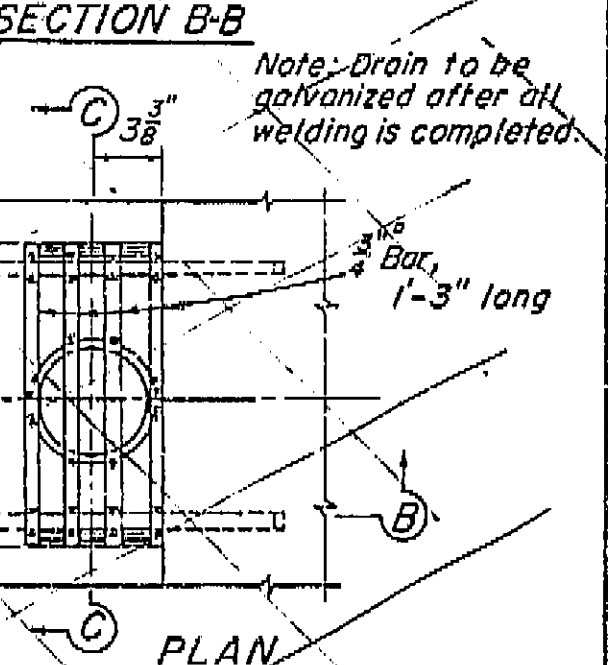
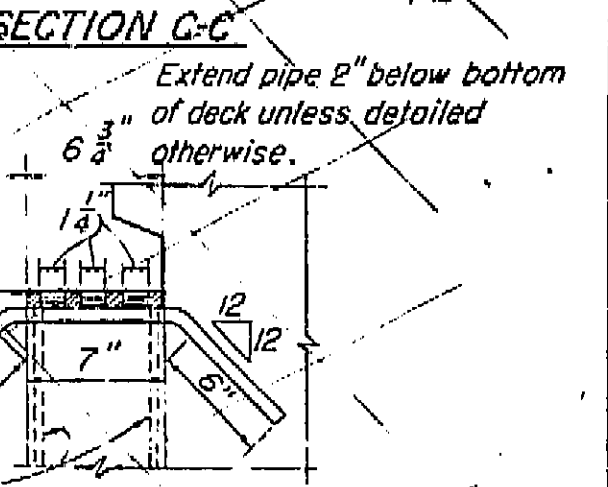
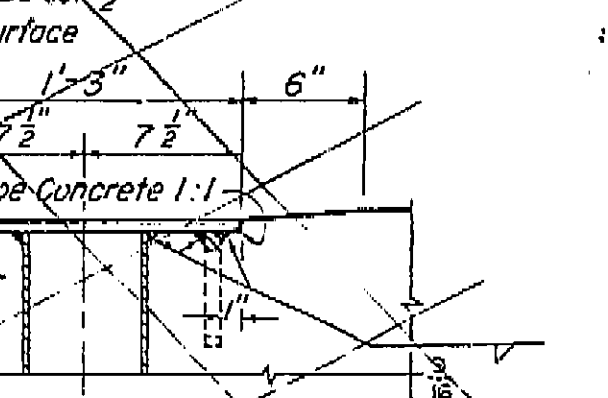
Disregard plates bearing earlier numbers → PREL. DRAWING No. P- 6698 17 417

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 11-23-71 SIGNATURE _____ TITLE _____

FED. ROAD DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		259	262

DATE	BY	CHKD.	APP'D.	SCALE
9/59				

DATE APPROVED: 9/59



GENERAL NOTES

Specifications:
Design: A.A.S.H.O. dated 1957 with revisions and as supplemented by Bridge Planning and Design Manual.
Construction: Standard Specifications, Division of Highways, dated January 1960 and the Special Provisions.

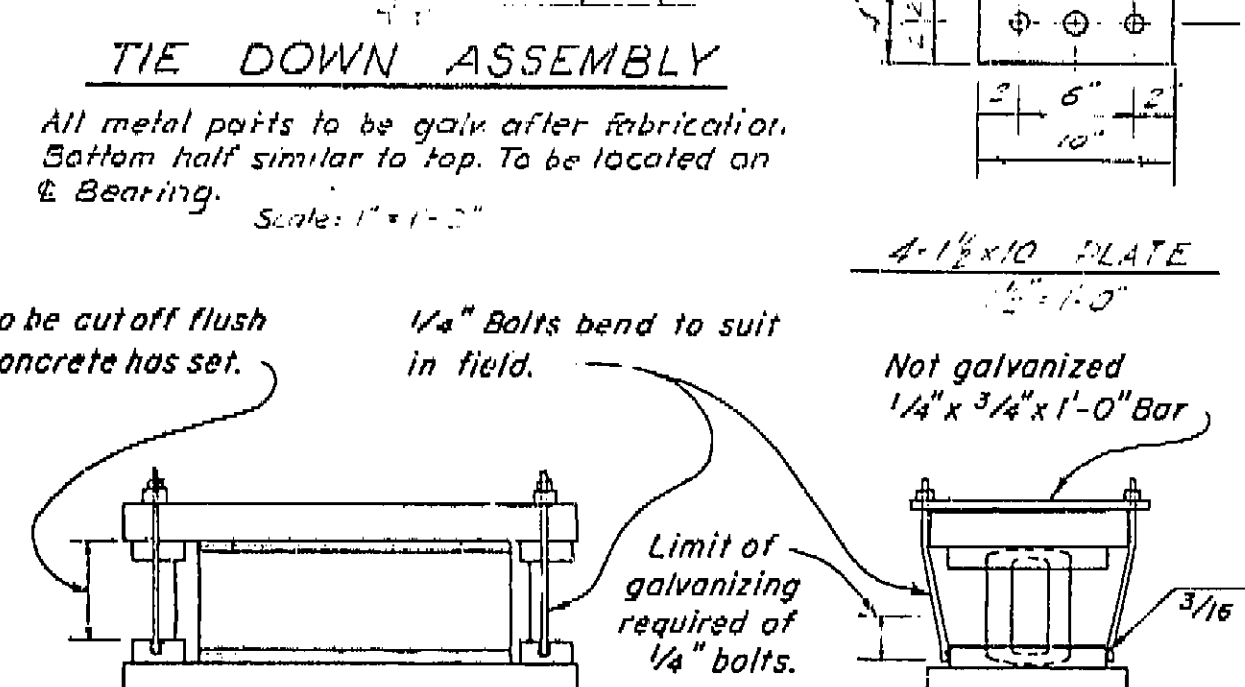
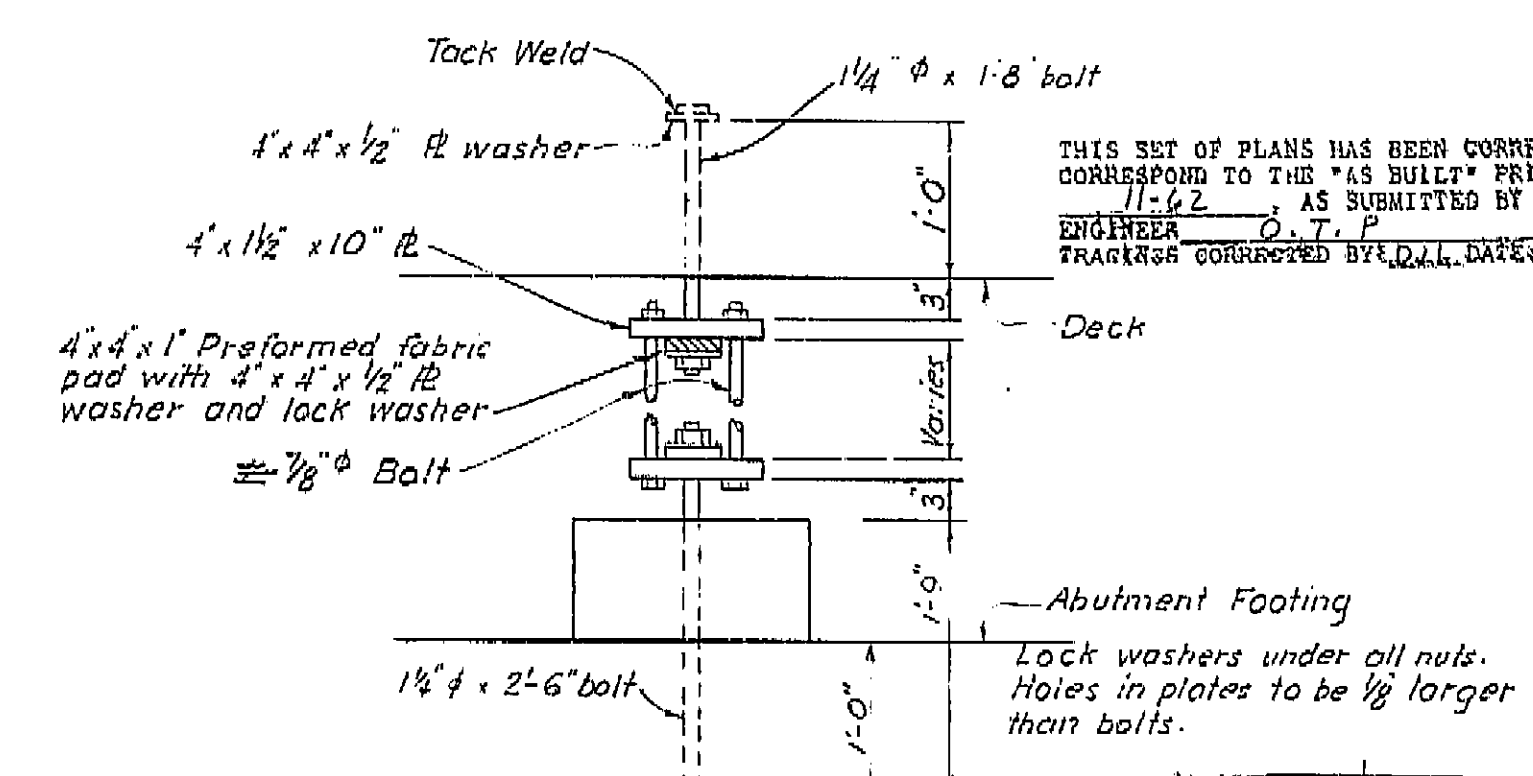
Live Loading: H20-S16-44 and alternative.

Unit Stresses:
Reinforced Concrete:
 $f_s = 20,000$ p.s.i.
 $n = 10$
 $f_c = 1,200$ p.s.i.

Structural Steel:
 $f_s = 18,000$ p.s.i.

Footing Pressure: 4 tons p.s.f.

Pile Loading: 45 tons. Type: Concrete

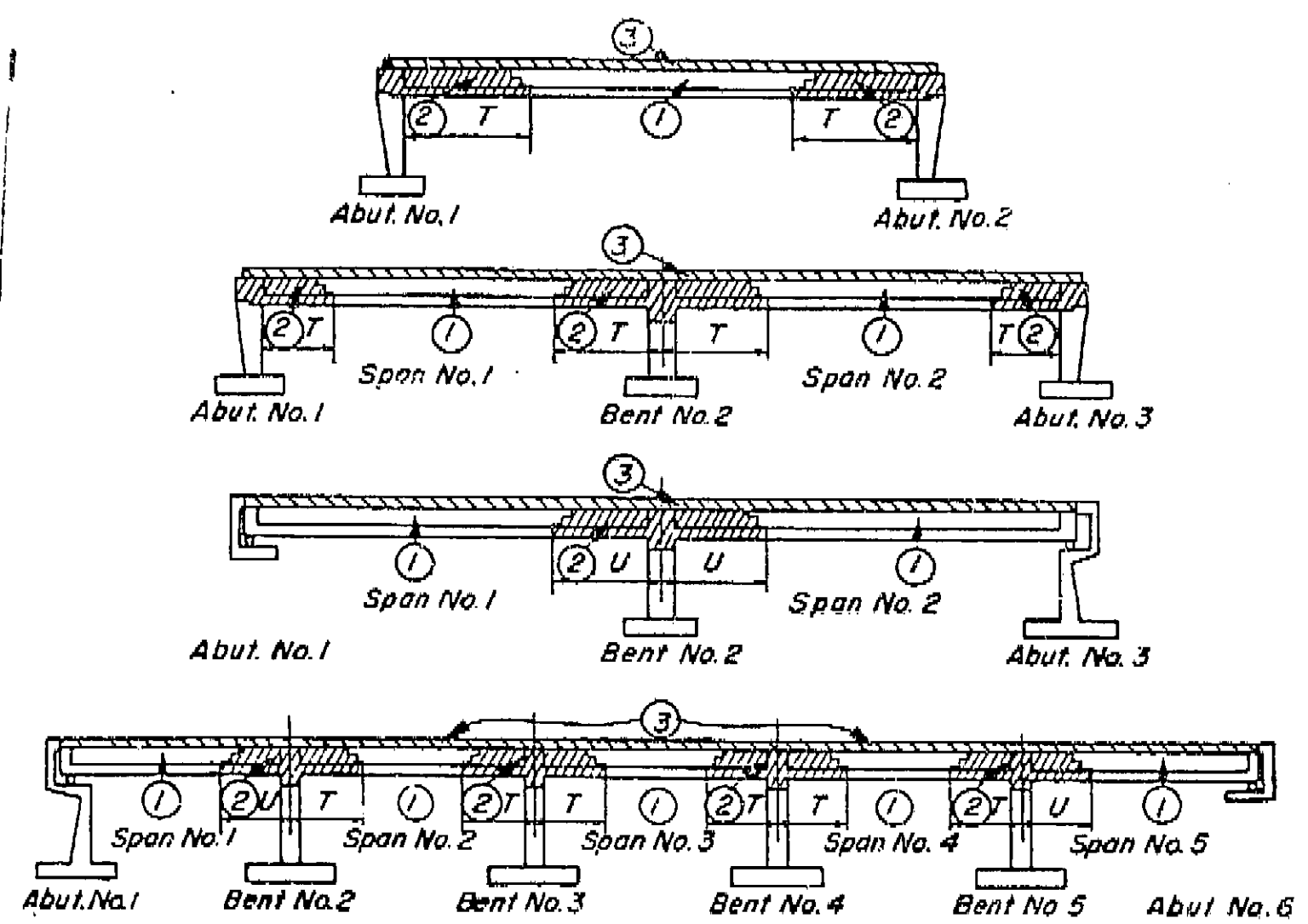


DETAIL OF ERECTION BOLTS

BRIDGE DEPARTMENT	DESIGN SECTION
Project Designer: <i>Ray E. Glover</i>	
Chief Designer: <i>R. E. Glover</i>	
DESIGN	<i>Ray E. Glover</i>
DETAILS	<i>Ray E. Glover</i>
QUANTITIES	<i>Ray E. Glover</i>
SPECIFICATIONS	<i>Ray E. Glover</i>
Approved Recommended by: <i>Ray E. Glover</i>	

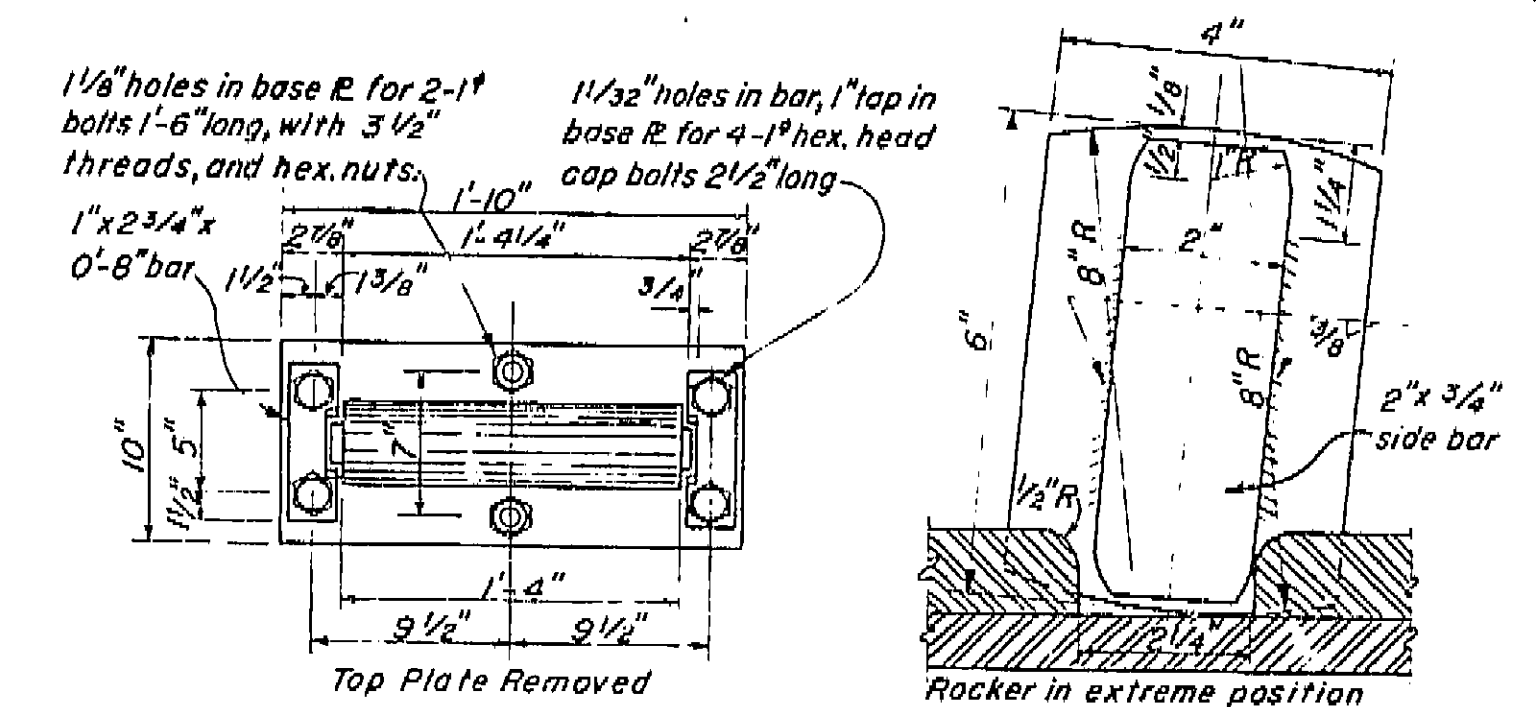
9/59	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS
CHESTNUT AVENUE OVERCROSSING	
STANDARD DETAILS NO. 2 (BOX GIRDER)	
SCALE: As Noted	BRIDGE 42-206
FILE: 18-40	DRAWING: C-6696-B

PREL. DRAWING NO. P. 6696 18

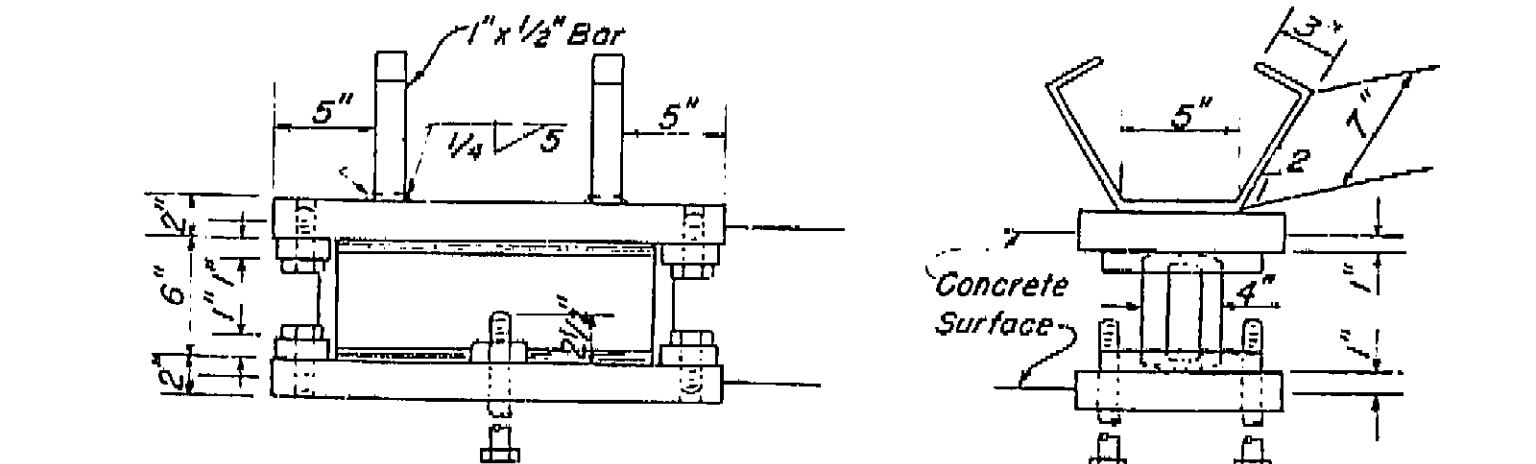


BOX GIRDER SUPERSTRUCTURE PLACING DIAGRAM

Numbers (1) and (2) indicate sequence of placing bottom slab and girder stem concrete. (2) may be placed simultaneously with (1) when approved by the Engineer, and provided that the (1) sections are placed in adjoining spans.
 Top slab concrete (3) shall be placed separately from (1) and (2). (3) may be placed continuously or in parts as approved by the Engineer, however the only joints permitted shall be located within 2'-0" of the girder joints between (1) and (2).
 $T = \frac{1}{2}$ span length
 $U = \frac{1}{4}$ span length
 For any deviation from the above the contractor shall submit a diagram to the Engineer.



BOTTOM PLATE PLAN



NOTE: Set bottom plate in forms. Place concrete directly against bottom plate. All bearing assemblies to be galvanized after fabrication.

10"x22" EXPANSION BEARING ASSEMBLY



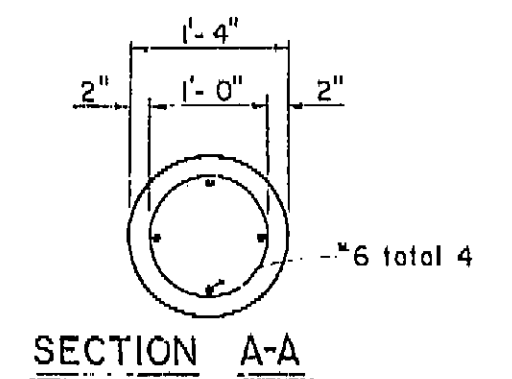
NOTE: Set bottom plate in forms. Place concrete directly against bottom plate. All bearing assemblies to be galvanized after fabrication.

10"x22" FIXED BEARING ASSEMBLY

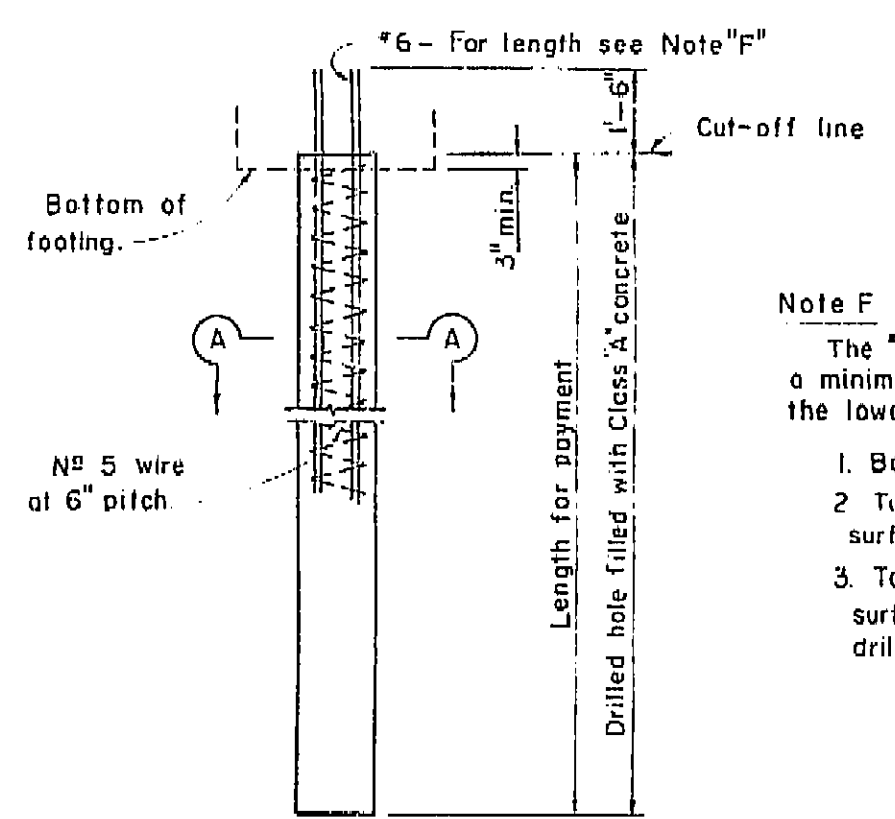


NOTE: Set bottom plate in forms. Place concrete directly against bottom plate. All bearing assemblies to be galvanized after fabrication.

AS BUILT PLANS
 Contract No. 61-67327
 Date Completed
 Document No. 6696 1055

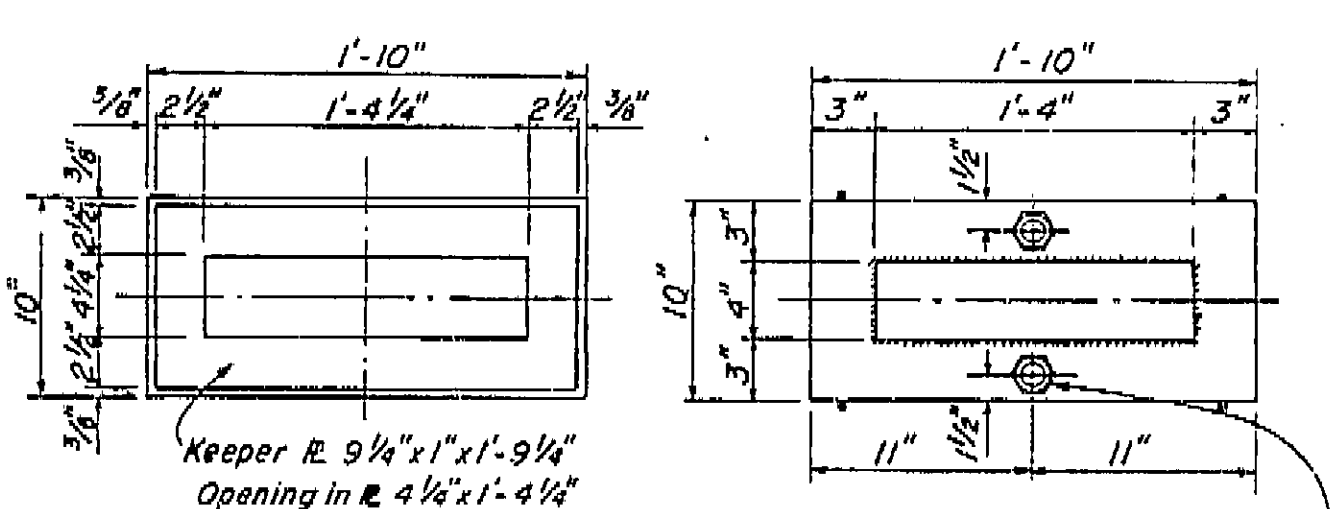


SECTION A-A



CAST-IN-DRILLED HOLE CONCRETE PILE

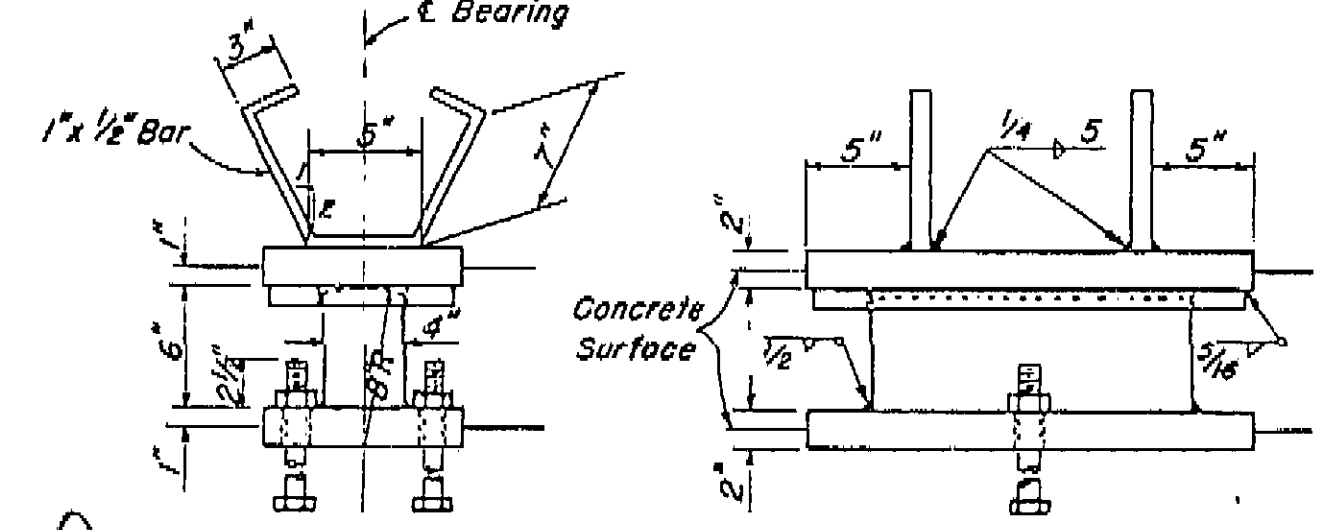
Concrete to be placed in dry hole



TOP PLATE

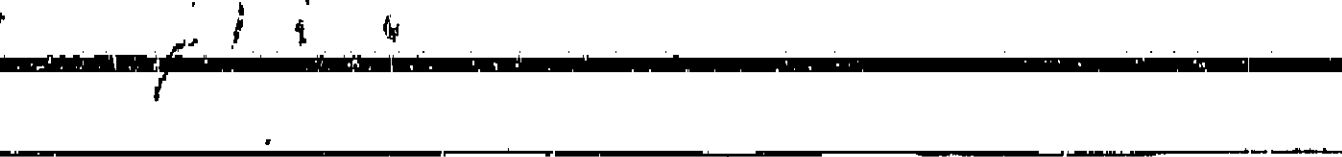
1/8" holes in base R for 2-1" bolts 1'-6" long with 3" threads and hex. nuts. Top Plate Removed

BOTTOM PLATE PLAN



10"x22" FIXED BEARING ASSEMBLY

None Required Scale 1/2" = 1'-0"



None Required Scale 1/2" = 1'-0"



None Required Scale 1/2" = 1'-0"

None Required Scale 1/2" = 1'-0"

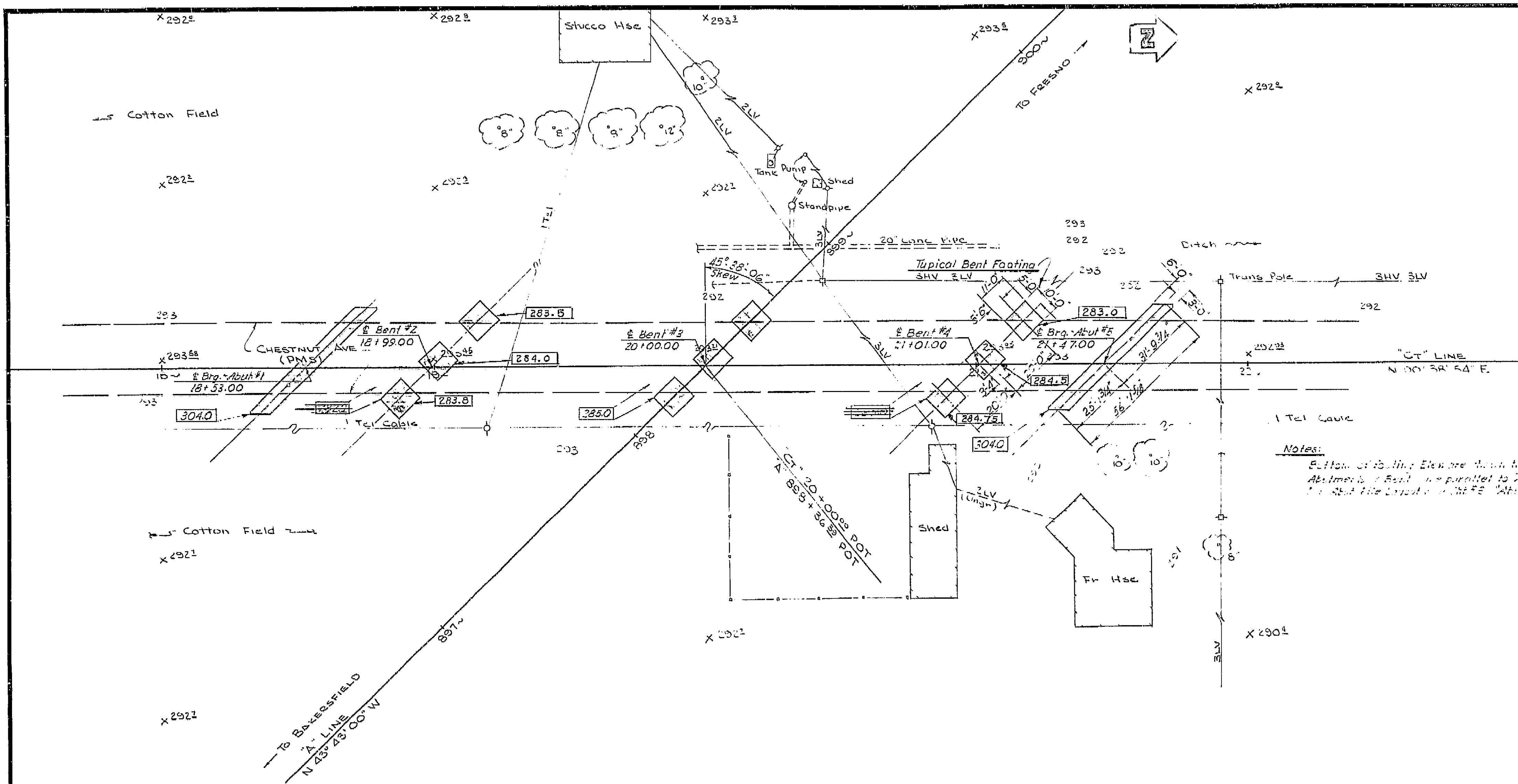
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE: 9/59 SIGNATURE: *Ray E. Glover* TITLE: *Chief Designer*

FED. ROAD DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			253	262

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	Calif.	99	1	253	262

DATE APPROVED: _____



Notes:
Bottom of Bents, Abutments, and Piles shall be 2.00' below existing ground level.
Abutments and Bents are parallel to A Line.
The abutment pile layout is in the 'Attachment 1 Detail'.

BM "CHESTNUT"
1. 1/4" spike in PP 302-LT
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AS BUILT PLANS
Contract No. 61-671327
Date Completed _____
Document No. 6000 1055

BRIDGE DEPARTMENT DESIGN SECTION Project Designer: <u>Ray E. Glover</u> Chief Designer: <u>Ray E. Glover</u>		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
DESIGN BY: <u>Ray E. Glover</u> CHECKED: <u>Ray E. Glover</u> DATE: <u>11-8-62</u>		CHESTNUT AVENUE OVERCROSSING	
DETAILS BY: <u>Ray E. Glover</u> CHECKED: <u>Ray E. Glover</u> DATE: <u>11-8-62</u>		FOUNDATION PLAN	
QUANTITIES BY: <u>Ray E. Glover</u> CHECKED: <u>Ray E. Glover</u> DATE: <u>11-8-62</u>		SCALE: 1" = 20' BRIDGE: 42-206 FILE: _____ DRAWING: 6696-2	
SPECIFICATIONS BY: <u>Ray E. Glover</u> CHECKED: <u>Ray E. Glover</u> DATE: <u>11-8-62</u>		APPROVAL: _____ DATE: <u>12-25-71</u>	

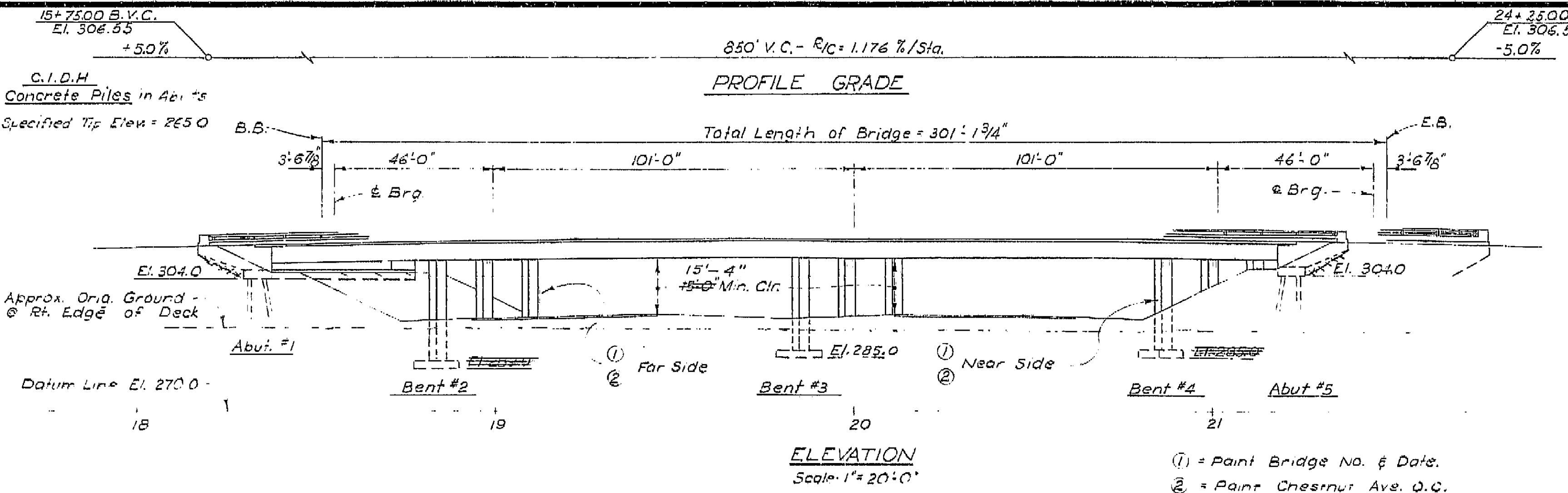
THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 11-8-62, AS SUBMITTED BY RESIDENT ENGINEER O.T. Painter. TRACINGS CORRECTED BY Ray E. Glover DATE: 12-12-62.

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE: 12-25-71 SIGNATURE: James E. Gault TITLE: SR. RMC

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			252	262

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	Fres			99	390

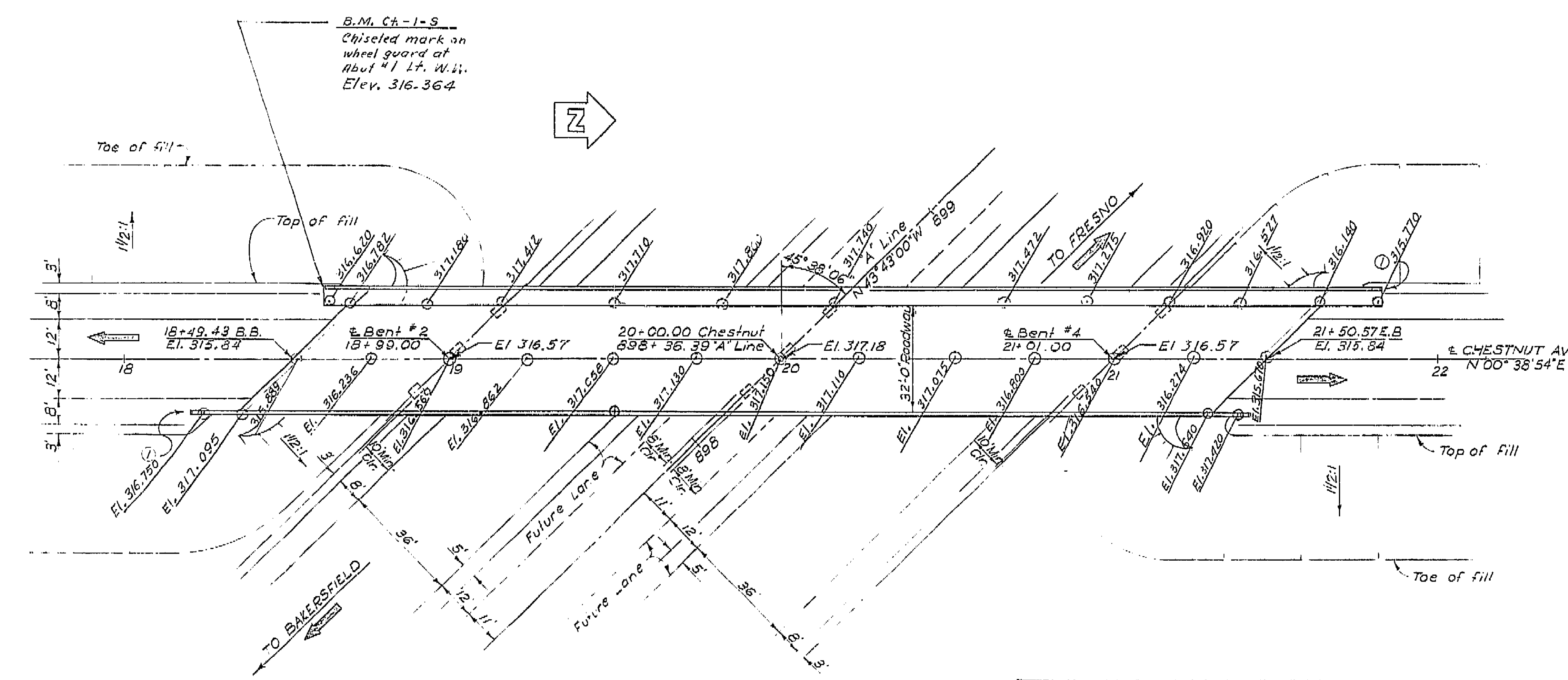
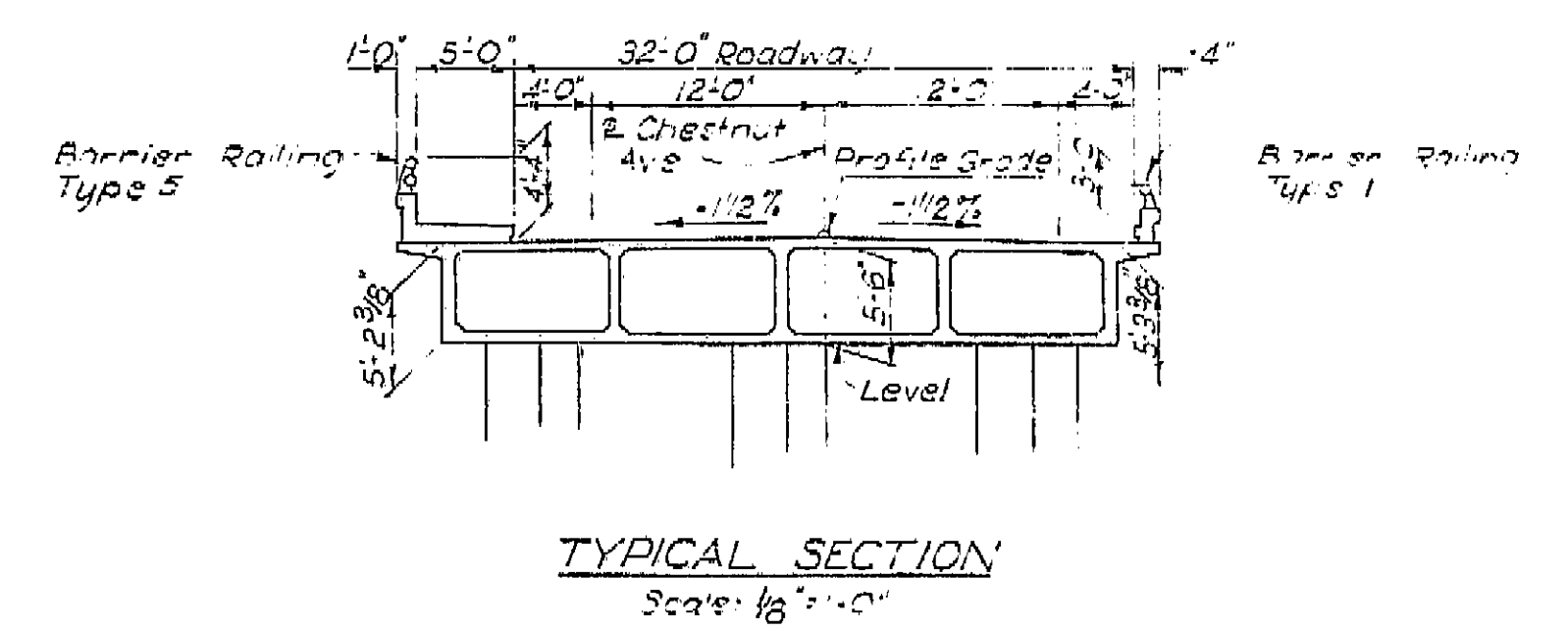
DATE APPROVED: *[Signature]*
 STATE HIGHWAY ENGINEER - CIVIL ENGINEER - LICENSE 5545
 SUPERVISOR: *[Signature]*
 SURVEYOR: 3542



APPROXIMATE QUANTITIES

*STRUCTURE EXCAVATION (BRIDGE)	930 C.Y.
*STRUCTURE BACKFILL (BRIDGE)	550 C.Y.
C.I.D.H CONCRETE PILES	630 L.F.
*CLASS "A" CONCRETE (BRIDGE)	1,090 C.Y.
*BAR REINFORCING STEEL (BRIDGE)	290,000 LBS.
MISCELLANEOUS METAL (BRIDGE)	3,800 LBS.
BARRIER RAILING (TYPE 1)	330 L.F.
BARRIER RAILING (TYPE 5)	328 L.F.

*FINAL QUANTITIES



INDEX TO PLANS

Sheet No.	Title
1	General Plan
2	Foundation Plan
3	Abutment Details
4	Bent Details
5	Girder Layout & Typical Section
6	Girder Reinforcement
7	Standard Details No. 1
8	Standard Details No. 2
9	Barrier Railing 1
10	Barrier Railing 2
11	Log of Test Borings

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 11-8-66, AS SUBMITTED BY RESIDENT ENGINEER *[Signature]* TRACINGS CORRECTED BY *[Signature]* DATE: 12-11-67

AS BUILT PLANS
 Contract No. 61-6T13C7
 Date Completed
 Document No. 6000 1055

BRIDGE DEPARTMENT		DESIGN SECTION 4		STATE OF CALIFORNIA	
Project Designer: <i>Ray E. Glover</i>		Chief Designer: <i>R. E. Glover</i>		DEPARTMENT OF PUBLIC WORKS	
DESIGN		Checked: <i>R. E. Glover</i>		61-6T13C7	
DETAILS		Checked: <i>R. E. Glover</i>		CHESTNUT AVENUE OVERCROSSING	
QUANTITIES		Checked: <i>R. E. Glover</i>		LOCATED ABOUT 4.0 MILES SOUTHEAST OF THE SOUTH CITY LIMIT OF FRESNO IN FRESNO COUNTY	
SPECIFICATIONS		Checked: <i>R. E. Glover</i>		GENERAL PLAN	
Approval Recommended by: <i>[Signature]</i>		Civil Eng. License No. 5545		SCALE AS NOTED	
Disregard prints bearing earlier numbers		PREL. DRAWING NO. P. 6676		BRIDGE 42-206	
				FILE	
				DRAWING 2-6696-1	

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
 DATE 12-30-67 SIGNATURE: *[Signature]* TITLE: *[Title]*

252